Using the Edinburgh Postnatal Depression Scale (EPDS)
Translated into languages other than English
Edinburgh Postnatal Depression Scale (EPDS)

Translated Versions
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ABOUT THIS RESOURCE

The resource is dedicated to the culturally and linguistically diverse women, children and families of Western Australia

“There are hundreds of languages in the world, but a smile speaks them all.” (Anon)

Acknowledgements

Thank you to Mary Della-Vedova at the Antenatal Clinic and Dr Ann Hodge at Osborne Park Hospital, North Metropolitan Health Service, as well as, Kerry Bastian and Dr Jann Marshall at Child and Community Health Directorate for identifying the need for this resource.

Thanks also to Christina Down and the State Perinatal Mental Health Strategy/Office of Mental Health for their acknowledgement of the importance of this resource and their support.

Special thanks to Kate Bethell for identifying and reviewing the research with Dr Jann Marshall.

The resource could not have been developed without the expert knowledge and experience of the Cultural Diversity team at Child and Community Health Directorate, including Kerry Bastian, Rhonda Morgan-Rivera, Josie Cohen, Martha Teshome and the Administration team, especially Elly Berryman and Liz Phillips.

Grateful acknowledgement to Dr Cox and his colleagues, The Royal College of Psychiatrists and all the researchers who dedicated their time and expertise to develop the information we have used in producing this resource.

There are many people across the world who contributed to the development of this resource with such enthusiasm and commitment to the wellbeing of women and families.

Thanks to all

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ABOUT THIS RESOURCE

This is a new resource which collates copies of the Edinburgh Postnatal Depression Scale (EPDS) that have been translated into languages other than English and validated for use in screening to assist health workers detect perinatal depression, in both pregnancy and during the postpartum period.

For each language, there is specific information recommending cut-off scores to use in screening, 'Notes' and summaries of the validation research studies to guide the use of the translated EPDS.

It has been possible to make contact with many of the researchers who translated and validated these EPDS versions. These researchers confirm the appropriateness of using the translated EPDS in Western Australia providing that women are able to read the questions.

Data collected over the past five years about the country of origin and use of interpreters of women having babies in Western Australia were used to identify the possible languages most relevant for translation of the EPDS.

More than 7,000 women who had babies in Western Australia were originally from Vietnam, Malaysia and Indonesia. Over 3,000 women were from South and Central Europe, from countries such as Austria, Germany and the Netherlands. Over 2,000 women were from Africa, the majority from South and East Africa. Almost 1,000 women were from the Middle East, mostly from Iraq.

Interpreters for Arabic and Vietnamese languages were the most commonly requested and women originally from Vietnam had the highest number of births compared with women from other countries.

The resource contains 18 translated EPDS versions with information summarising 43 studies that have been validated with a variety of populations and at varying times, both antenatal and postpartum, to identify perinatal depression and other conditions such as anxiety.

See: Summary of Translated and Validated Studies of the Edinburgh Postnatal Depression Scale (EPDS) (Table 1) for a summary of specific information for each of the 18 validated translated EPDS versions Timing of Administration of the Edinburgh Postnatal Depression Scale (EPDS) and Sample sizes in Validation Studies (Table 2) for a summary of timing and sample sizes of these studies and specific summaries of validation studies for each translated EPDS.
About the Edinburgh Postnatal Depression Scale

The EPDS was developed in the 1980s by John Cox, a consultant psychiatrist in the United Kingdom, and his colleagues Jeni Holden and Ruth Sagovsky. It is a self-report questionnaire now used in many countries to screen for postnatal depression. More recently, the EPDS is also being used to screen for antenatal depression in women, and depression in men in both the antenatal and postnatal periods.

There are ten statements specific for depressive symptoms during the perinatal period. Each statement has four possible responses, which are scored from 0 to 3 depending on the severity of the response. Higher scores indicate more severe depressive symptoms with a maximum total score of 30. For each translated EPDS version, a cut-off score is recommended. A score above the cut-off indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

Many studies, in Australia and overseas, have shown that EPDS screening is better than clinical judgement alone in detecting emotional problems during the perinatal period. The EPDS is perceived by most women to be accurate, relevant and easy to complete. Women welcome the opportunity to express their feelings.

About Perinatal Mental Health

Postnatal depression (PND) is a term commonly used to describe a sustained depressive disorder following childbirth. PND is not a single illness but a range of conditions with depressive symptoms. These symptoms can vary in severity and are frequently experienced together with anxiety, and sometimes other disorders. Up to 40% of PND starts during the antenatal period.

If left untreated, PND can linger for many years. The EPDS provides a timely assessment of a mother’s emotional state and can be used to start intervention early. Treatment is effective in reducing depressive symptoms and improving sensitive mother-infant interaction with better outcomes for the child, mother and family.

Developing the Resource

The EPDS has been translated into many languages and tested in diverse population samples in a variety of countries, with women and their partners, in both the antenatal and postnatal periods.

There is ample evidence that the EPDS is a reliable and valid measure for use with geographically diverse, non-English speaking populations.
A systematic review process was conducted with the primary objective of identifying all published validation studies using translated EPDS versions. Validation studies were targeted because their results provide cut-off scores and reliable results for accurate screening. A good validation study should have an adequate sample size, have a representative sample, indicate administration times, use a culturally appropriate diagnostic interview and indicate that the EPDS was self-completed and based on feelings during the previous seven days.

A total of 687 studies were identified for potential inclusion from a specified keyword search of electronic databases. Of these studies, 202 were identified as validation studies that used the EPDS, however, the majority were excluded for various reasons. These reasons include:

- the EPDS being used for the validation of another measure
- the EPDS being used for a prevalence study only
- did not provide details of methodology and results
- the paper could not be retrieved
- the paper and abstract were not in English
- the study used inappropriate populations and sample sizes
- the validation was of the English-EPDS version.

The resource provides a summary of 43 studies. The research quality varies across these studies. Extra information is included from our contact with the researchers and publications by Dr John Cox and his colleagues.

Translated copies of the EPDS were obtained from a number of sources. The majority were available from Cox and Holden (2003) and including Arabic, Chinese, Dutch, French, German, Japanese, Maltese, Norwegian, Portuguese, Punjabi, Spanish, Swedish and Vietnamese. An additional six EPDS translated versions were sourced from published validation studies and contact with researchers. These included Igbo, Italian, Malay, Turkish, South African English and an additional Punjabi version in Punjabi script.

The methods of translation and back-translation were recorded for all translated EPDS versions. Any changes to the wording of the EPDS questions identified in the research studies or through communication with the researchers have been documented in the ‘Notes’ section specific to each translated-EPDS version.

All versions were checked for accuracy in Australia by authorised professional translators. Some alterations were made and additional translations were added where versions included irrelevant information or omitted sections of the questionnaires.
Determining Cut-off Scores

Many of the validation studies recommend different cut-off score for optimal sensitivity. Cox and Holden (2003; p. 24) suggest that these differences are due to varying population sizes, timing of administration of the EPDS and differences in expression. For example, EPDS question 6, ‘things are getting on top of me’ is commonly construed as ‘I have felt overwhelmed by everyday tasks or events’. It was found to be meaningless for Chinese populations.

Where available each research study includes an overview of the psychometric properties (sensitivity, specificity, reliability coefficient) and the recommended cut-off score for a positive diagnosis.

For each EPDS translation, recommended cut-off scores use the results of validation studies that are most suitable for use in Western Australia.

Where there are multiple validation studies for a translation, it is recommended that health professions review the summary of the research to best match the characteristics of their client with the study population.

Cultural Issues

Every woman has the right to expect a high standard of practice from health services irrespective of cultural background. A prerequisite for a high standard of practice is that the service be delivered in a culturally appropriate manner. Health practitioners need to develop the necessary skills to provide appropriate care and continually to reflect on cross-cultural issues in relation to perinatal depression.

Perinatal depression is probably a universal experience, however, there are variations across cultures in the manner PND is evident and the meaning and importance assigned to it by women and others in their lives and by the larger community/society.

Specific areas to be aware of include:

- level of education and literacy: this must be ascertained for every person completing the EPDS
- culture of completing questionnaires: even if the EPDS is written in a language that can be read and the woman is sufficiently literate, the experience of completing questionnaires can be bewildering if a woman has never answered a questionnaire on her own
- culture of completing questionnaires with the support of others: it is a misuse of the EPDS and not recommended that a third party, eg. a mother-in-law, is present and aware of the mother’s responses to the EPDS (Cox & Holden, 1994).
• official and non-official languages and dialect differences: many countries have one or more official language and other languages that are spoken but not recognised as official languages. Also, there can be a number of dialects that are often not understandable by others. The translated version may only make sense to the people who are conversant in the particular language or dialect in which the test was constructed.
• urban-rural differences: there may be vast cultural differences in language between women in urban and rural areas of countries
• expression, presentation, discussion of and about depression: In some cultures, e.g. Japanese, women tend to express emotional problems by referring to physical (somatic) problems or concerns for the baby rather than expressing their feelings when they are depressed. The EPDS does not contain any somatic items which might raise practical problems if the dominant way in which depression presents is a physical (somatic symptom).
Quite frequently, there are no words in cultures that describe depression as there is no literal meaning.
In other cultures, e.g. Punjabi, a label of PND may have implications across the extended family and reducing the family status in the community. Using terminology such as ‘sadness’ not ‘depression’ may be more acceptable with Punjabi families.
• lack of knowledge in the community about PND: this is often associated with difficulties in gaining the necessary care and variety of support to respond to women’s needs and will usually require capacity building at a local level
• quality of the translation of the EPDS: when the EPDS is translated from English into another language, great care is needed that each question and the EPDS as a whole has conceptual, ethical, functional and measurement equivalence as behaviours, attitudes, values, sentiments and words make sense and acquire meaning only within the context of the culture in which they are expressed.
Validation studies should show that the translated EPDS is sensitive for detecting depression against a translated and validated gold standard diagnostic instrument.

Guidelines for using Translated EPDS versions

When using the EPDS, it is important to remember that the EPDS is a screening test. The EPDS should not be regarded as a diagnostic tool as the positive predictive values are often relatively low (between 40-50%). A high or a low EPDS score does not necessarily mean ‘that a woman has depression. It cannot replace clinical judgment, nor does it provide a differential diagnosis of mental disorder’ (Cox & Holden, 2003, p. 61).
The benefits of using the EPDS routinely in clinical practice include:

- increasing awareness and knowledge among health professionals, women and families of the possibility of PND; permission to speak and listen; helping women and partners discuss negative feelings; and an opportunity for prevention and early intervention
- providing additional information when making referrals; improving liaison among professionals; identifying service needs
- using a structured approach to identify and clarify depressive symptoms; and monitoring outcomes of treatment (Cox & Holden, 2003, p.60-61).

Guidelines for using translated EPDS versions are similar to using the English-EPDS version.
- the EPDS should only be used by professionals who have been trained in the detection and management of PND and conducting a clinical interview
- the mother should be ensured privacy in completing the EPDS and during assessments and the EPDS should never be used in an open clinic area or posted to mothers
- literacy level, cultural background and language difficulties should be considered before using the EPDS
- the professional should discuss the responses one by one, being alert to clinical impressions
- a clinical interview should be used to ascertain the symptoms of depression from DSM-IV, as well as, discussion of physical, social and emotional causes for the symptoms so that appropriate interventions are identified (Cox & Holden, 2003, pp. 63-64).

Specific cultural issues to consider when the translated EPDS is used in health services include:
- the translated EPDS versions ‘may be explained by an interpreter to open the subject for discussion’ (Cox et al., 2003 p.66).
- it will be important to find out that the woman has adequate literacy skills and is able to read the translated EPDS version before being given the questionnaire. An interpreter may be needed to help with this.
- health professionals will need experience to work effectively with interpreters and when communicating through a third person.
- interpreters need to have experience and training to work with health professionals in a health.
- research validating the use of the EPDS confirms the need for women to complete the EPDS in privacy as women who are depressed are less likely to be identified when family, friends and/or community members can see, or hear, or assist women to complete the EPDS.
- the clinical interview and assessment needs to be conducted from a cultural perspective.
interpreters should encourage the women to read the questions themselves. Interpreters must not help the woman make decisions, only encourage.

bilingual health professionals should read the questions on the translated EPDS verbatim. Ad hoc alterations to instructions and re-interpretation of the items in the test will seriously compromise the reliability and the validity of the test.

practitioners need to be aware that some women are not used to completing questionnaires for themselves and may need support.

be aware of cultural issues: words to use e.g. sadness not depression might be more appropriate in some cultures; be aware of the meaning of depression in the community.

The practitioner needs to be involved in proactive community planning to identify how the above Guidelines will be implemented for women who cannot speak English and to build genuine relationships with women and communities.
# The Edinburgh Postnatal Depression Scale (Translations)

<table>
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<td>18. Vietnamese</td>
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### Region of Origin of Women Having Babies in Western Australia

#### Language of Validated EPDS

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#### Language of Not Validated EPDS

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# ABOUT THIS RESOURCE

## REGION OF ORIGIN OF WOMEN HAVING BABIES IN WESTERN AUSTRALIA

**LANGUAGE OF VALIDATED EPDS**

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**LANGUAGE OF NOT VALIDATED EPDS**

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ABOUT THIS RESOURCE

THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TABLES)

Table 1:  Summary of Translated and Validated Studies of the Edinburgh Postnatal Depression Scale (EPDS)

Table 2:  Timing of Administration of the Edinburgh Postnatal Depression Scale (EPDS) and Sample sizes in Validation Studies
Table 1: Summary of Translated and Validated Studies of the Edinburgh Postnatal Depression Scale (EPDS)

<table>
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<tr>
<th>Language</th>
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<th>Rec. Cut Off</th>
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<td>Matthey et al</td>
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<td>Five faces scale, Social Support Questionnaire &amp; DSM-III-R</td>
<td>Major depression &amp; anxiety</td>
<td>n=125</td>
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<td>Depressive disorders &amp; anxiety</td>
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<td>Adouard et al</td>
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<tr>
<td></td>
<td>(mean 18.6 wks)</td>
<td></td>
<td>2 wks</td>
<td></td>
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<tr>
<td>Norwegian</td>
<td>Eberhard-Gran et al, 2001</td>
<td>n = 310</td>
<td>3 wks</td>
<td>n = 310</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Berle et al, 2003</td>
<td>n = 411</td>
<td>4 wks</td>
<td>n = 411</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Portuguese</td>
<td>Areias et al, 1996</td>
<td>n = 96***</td>
<td>5 wks</td>
<td>n = 36****</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>(6 mths)</td>
<td></td>
<td>6 wks</td>
<td>n = 96***</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Da-Silva et al, 1998</td>
<td>n = 33</td>
<td></td>
<td>n = 33</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Punjabi</td>
<td>Clifford et al, 1999</td>
<td>n = 98</td>
<td></td>
<td>n = 52</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>(up to 18 wks)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>English - Sth African</td>
<td>Lawrie et al, 1998</td>
<td>n = 103**</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
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<tr>
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<td></td>
<td>(up to 18 wks)</td>
<td></td>
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</tr>
<tr>
<td>Spanish</td>
<td>Jadresic et al, 1995</td>
<td>n = 108</td>
<td></td>
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<tr>
<td></td>
<td>Vega-Dienstmaier et al, 2002</td>
<td>n = 321</td>
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<td></td>
<td></td>
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<tr>
<td></td>
<td>Garcia-Esteve et al, 2003</td>
<td>n = 1123</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ascasi et al, 2003</td>
<td>n = 1191</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Swedish</td>
<td>Lundh et al, 1993</td>
<td>n =169^</td>
<td>1 wk</td>
<td>n =169^</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wickberg et al, 1996</td>
<td>n = 1655</td>
<td>2 wks</td>
<td>n = 1655</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bagedahl-Strindlund et al, 1998</td>
<td>n = 309</td>
<td></td>
<td>n = 309</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(mean 13.5 wks)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Turkish</td>
<td>Aydin et al, 2004</td>
<td>n=341</td>
<td>3 wks</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>(up to 12 mths)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Vietnamese</td>
<td>Matthey et al, 1997</td>
<td>n = 113</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Barnett et al, 1999</td>
<td>n = 113</td>
<td></td>
<td>n = 96</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

*after miscarriage ** total sample = 50, but the EPDS at 3 or 6 months ***54 women, 42 male partners ****24 women, 12 male partners. ^minimum sample size up to 258
Edinburgh Postnatal Depression Scale (EPDS)

Translated Versions

VALIDATED
ABOUT THIS RESOURCE

THE EDINBURGH POSTNATAL DEPRESSION SCALE (VALIDATED TRANSLATIONS)

1. Arabic
2. Chinese
3. Dutch
4. French
5. German
6. Igbo
7. Italian
8. Japanese
9. Malay
10. Maltese
11. Norwegian
12. Portuguese
13. Punjabi
14. South African - English
15. Spanish
16. Swedish
17. Turkish
18. Vietnamese
THE EDINBURGH POSTNATAL DEPRESSION SCALE  
(TRANSLATION – ARABIC)

Full name: _______________________________ Date: _____________________

سيدتي

الرجاء أن تضعى خططا تحت الجواب الذي يعبر بطريقة أدق عن كيفية شعورك في الأيام السبعة الماضية، وليس عن شعورك اليوم فحسب.

إليك مثل وقد أكمل:

لقد شعرت بسعادة معتدلة
- نعم كل الأوقات
- نعم معظم الأوقات
- نعم لبس في أعوام كثيرة
- كلا أبدا

و هذا يعني: لقد شعرت بسعادة معظم الوقت خلال الأسبوع الماضي. الرجاء أن تكمل الأسئلة الأخرى بالطريقة ذاتها.

نرجو أن تضعى خطعا تحت أحد الأجوبة التالية:

خلال الأيام السبعة الماضية:

1. لقد استطعت الشعور بالفرح والسعادة
  - بالمقترح نفسه الذي استطعته قبلا
  - ليس تماما بالمقترح نفسه الآن
  - فقط ليس بالمقترح نفسه الآن
  - كلا مطلقا

2. لقد تطعت الى الأمور بتمتع
  - بالمقترح نفسه مثل أي وقت مضى
  - أقل نوعا ما اعتدت
  - فقط أقل مما اعتدت
  - نادرا أبدا

3. لقد كنت نفسي بدون نزوم عندما سارت الأمور على غير ما يرام
  - نعم في معظم الأحيان
  - نعم في بعض الأحيان
  - ليس في أحوال كثيرة
  - كلا أبدا
4. You have felt depressed.
- None of the time
- Some of the time
- Much of the time
- Nearly all the time

5. You have felt that life is not worth living.
- None of the time
- Some of the time
- Much of the time
- Nearly all the time

6. You have thought about harming yourself or suicide.
- None of the time
- Some of the time
- Much of the time
- Nearly all the time

7. You have thought about suicide or attempting suicide.
- None of the time
- Some of the time
- Much of the time
- Nearly all the time

8. You have felt that you would be better off dead.
- None of the time
- Some of the time
- Much of the time
- Nearly all the time

9. You have felt that you are a failure.
- None of the time
- Some of the time
- Much of the time
- Nearly all the time

10. You have felt that you are a burden to others.
- None of the time
- Some of the time
- Much of the time
- Nearly all the time
The Arabic version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES
1. It is not completely clear which is the best cut-off point to recommend from the Arabic EPDS validation studies and the lower cut-off point has been chosen.

   The EPDS is a screening measure rather than a diagnostic instrument. It is important that the EPDS is able to identify all cases of major depression as there may be no further opportunity to identify depression.

2. This Arabic-EPDS version was translated and back-translated in Sydney.

Based on information from four published validation studies comparing the Arabic translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety.
Countries where Arabic is spoken:

- Algeria
- Bahrain
- Chad
- Djibouti
- Egypt
- Eritrea
- Ethiopia
- Guinea
- Iran
- Iraq
- Israel
- Jordan
- Kuwait
- Lebanon Arabic (Lebanese)
- Mauritania
- Morocco
- Niger
- Oman
- Qatar
- Saudi Arabia (Republic)
- Somali
- Sudan
- Syria
- Tunisia
- Turkey
- United Arab Emirates
- Yemen

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
The validity of the Arabic Edinburgh Postnatal Depression Scale


SUMMARY OF VALIDATION STUDY

A cut-off point of 9/10 was considered to be optimal for screening a population of Arabic women at one week postpartum.

Study participants
Ninety-five women with a mean age of 28.6 years were recruited from New Dubai Hospital in the United Arab Emirates of Dubai in 1994. A third of the women (31%) had an elementary/secondary education and 51% had a higher education level. Over half (65%) of the women had a normal delivery.

Study design
Developed a translated Arabic-EPDS by a group of bilingual psychiatrists. The EPDS was back-translated by a second group of bilingual psychiatrists. This Arabic-EPDS version was compared with the Present State Examination (PSE) semi-structured interview. The EPDS was administered one week postpartum and the PSE was administered 8 weeks postpartum (+/- 2 weeks).

Study findings

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 9/10</th>
<th>Cut-off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>91%</td>
<td>73%</td>
</tr>
<tr>
<td>Specificity</td>
<td>84%</td>
<td>90%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>44%</td>
<td>50%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>99%</td>
<td>96%</td>
</tr>
</tbody>
</table>

Using a cut-off point of 9/10, the prevalence of postnatal depression using EPDS was 26% one week after birth.

T-test found a statistically significant difference between depressed and non-depressed women, p=0.0001. The EPDS was found to be reliable and correlated well with the PSE.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – ARABIC)

Screening for postnatal depression in women of non-English speaking background

Translation and validation of the Edinburgh Postnatal Depression Scale into Vietnamese and Arabic

Postnatal depression and social support in Vietnamese and Arabic women in South West Sydney


SUMMARY OF VALIDATION STUDY

A cut-off point of 9/10 was considered to be optimal for screening a population of Arabic speaking women at second trimester of pregnancy, six weeks postpartum and six months postpartum.

Study participants
One hundred and twenty-five women were recruited from antenatal clinics in South West Sydney, Australia and agreed to complete the antenatal assessments. By 6 weeks postpartum, there were 98 participants and this reduced to 77 by 6 months postpartum. Women who dropped out at 6 weeks postpartum were significantly younger than the women who remained in the program. Women who dropped out at 6 months postpartum were significantly older. The mean age of the Arabic women was 28 years. All women were married or defacto and 37% of the women were primiparous. Very few Arabic women reported a poor relationship with her mother and her partner.
The Edinburgh Postnatal Depression Scale (Translation – Arabic)

Study design
Used the Arabic-EPDS version developed with Ethnic Health Workers using a blind back-translation and Brislin methodology (Matthey et al., 1997). The Arabic-EPDS version was compared with the General Health Questionnaire-30 item (GHQ-30), Faces sheet Five faces scale, Social Support Questionnaire and Diagnostic Interview Schedule (DIS) for DSM-III-R for major depression and anxiety. All assessments were administered antenatally, at 6 weeks and 6 months postpartum.

Study findings

<table>
<thead>
<tr>
<th>n=98; 6 weeks postpartum</th>
<th>Cut-off 8/9</th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>77.8%</td>
<td>77.8%</td>
<td>66.7%</td>
</tr>
<tr>
<td>Specificity</td>
<td>67.4%</td>
<td>80.2%</td>
<td>86.0%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>20%</td>
<td>29.2%</td>
<td>33.3%</td>
</tr>
</tbody>
</table>

Using the EPDS, 40% of these Arabic women were above the cut-off score of 9/10 in the second trimester of pregnancy. This dropped to 25% at 6 weeks postpartum but was significantly higher at 6 months postpartum (33.8%).

The level of DSM-III-R major depression for these Arabic women was found to be similar at 6 weeks and 6 months postpartum (9.2% and 9.3% respectively).

The level of DSM-III-R depression and anxiety for these Arabic women was 14.3% at 6 weeks postpartum, however, at 6 months postpartum, the proportion of women with depression and anxiety was significantly higher (19.5%).

Length of time in Australia was not significantly associated with EPDS scores for Arabic women.

The EPDS was acceptable to the women and a suitable screening instrument for postnatal distress and depression.
Prevalence of postpartum depression in a Moroccan sample


**SUMMARY OF VALIDATION STUDY**

A cut-off point of 11/12 was considered to be optimal for screening a population of Arabic women at two weeks postpartum.

**Study participants**

One hundred and forty-four women who resided in Casablanca, Morocco during a two month period in 1999 were recruited 15-20 days postpartum. The mean age of the women was 30.3 years. More than half (55.6%) had an elementary or secondary education and 38.9% were illiterate. Only 11.1% were employed. Most women (82%) had a normal delivery. Most of the participants (82%) reported a good marital relationship and 29% lived in the traditional family of the husband.

**Study design**

Comparison of the Arabic-EPDS version developed by Ghubash et al (1997) and the Mini International Neuropsychiatric Interview (MINI) for DSM-IV axis I disorders at two weeks postpartum.

**Study findings**

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 9/10</th>
<th>Cut off 10/11</th>
<th>Cut-off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>96%</td>
<td>92%</td>
</tr>
<tr>
<td>Specificity</td>
<td>88%</td>
<td>95%</td>
<td>96%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>65%</td>
<td>83%</td>
<td>86%</td>
</tr>
</tbody>
</table>

When depressed mothers were compared with non-depressed mothers, they were significantly more likely to have experienced pregnancy complications, stressful life events during pregnancy, infant health problems and marital relationship difficulties $p<0.02$.

The EPDS was found to be reliable and correlated well with the MINI. Using an EPDS cut-off point of 11/12, the prevalence of postnatal depression at between 2 and 3 weeks postpartum was 20.1%.

Using the MINI, the prevalence of DSM-IV depression was 18.7%, 6.9%, 11.8% and 5.6% at 2-3 weeks, 6 weeks, 6 months and 9 months postpartum respectively.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – CHINESE)

Full name: ___________________________ Date: ______________________

姓名 ___________________________ 年齡 ________ 新生孩子周歲 ________ 填表日期 ________

說明：因為您剛生了孩子，我們想了解一下您的感受，請選擇一個最能反映您過去七天感受的答案。
注意：不只是您今天的感覺，而是過去七天的感覺。例如：
我感到愉快。
（1）所有時候這樣。
（2）大部分時候這樣。
（3）不經常這樣。
（4）一點也沒有。

選擇答案（2）表明在上一周內你大部分時間都感到愉快，請照同樣方法完成以下各題。

在過去七天內：

1. 我能看到事物有趣的一面，並笑得開心。
   （1）同以前一樣。
   （2）沒有以前那麼多。
   （3）肯定比以前少。
   （4）完全不能。

2. 我欣然期待未來的一切。
   （1）同以前一樣。
   （2）沒有以前那麼多。
   （3）肯定比以前少。
   （4）完全不能。

3. 當事情出錯時，我會不必要地責備自己。
   （1）大部分時候這樣。
   （2）有時侯這樣。
   （3）不經常這樣。
   （4）沒有這樣。

4. 我無緣無故感到焦慮和擔心。
   （1）一點也沒有。
   （2）極少有。
   （3）有時侯這樣。
   （4）經常這樣。
5. 我无缘无故感到害怕和惊慌。
   (1) 相当多时候这样。
   (2) 有时候这样。
   (3) 不经常这样。
   (4) 一点也不这样。

6. 很多事情冒我而来，使我透不过气。
   (1) 大多数时候我都不能应付。
   (2) 有时候我不能像平时那样应付得好。
   (3) 大部分时候我都能像平时那样应付得好。
   (4) 我一直都能够应付得好。

7. 我很不开心，以致失眠。
   (1) 大部分时候这样。
   (2) 有时候这样。
   (3) 不经常这样。
   (4) 一点也不这样。

8. 我感到难过的悲伤。
   (1) 大部分时候这样。
   (2) 相当多时候这样。
   (3) 不经常这样。
   (4) 一点也不这样。

9. 我不开心到哭。
   (1) 大部分时候这样。
   (2) 有时候这样。
   (3) 只是断断续续这样。
   (4) 没有这样。

10. 我想过要伤害自己。
    (1) 相当多时候这样。
    (2) 有时候这样。
    (3) 很少这样。
    (4) 没有这样。
The Chinese version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. The Chinese-EPDS version was developed and validated in Hong Kong with predominantly a Cantonese-speaking population. This measure has also been validated in a Mandarin-speaking Chinese population in Shanghai and found to be easy to use with the same recommended cut-off.

2. The Chinese-EPDS version has also been validated in Taiwan with Taiwanese women.

3. The Chinese-EPDS can be used for all Chinese speaking women, however, some women may be unable to understand some of the wording and it is important to check that they are able to read the items.

4. The recommended cut-off point is 11/12 when the Chinese version of the EPDS is used at 6 weeks after miscarriage.

5. The Chinese version of the EPDS is NOT a reliable and valid screening tool for depression two days postpartum.

5. Item 6 is meaningless in Cantonese so the closest semantic equivalent was used in the translation.

Based on the information from seven published validation studies comparing the Chinese translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety.
Countries where Chinese is spoken:

- Brunei
- Cambodia
- China
- Hong Kong
- Indonesia
- Laos
- Macau
- Malaysia
- Philippines
- Singapore
- Taiwan
- Thailand
- Vietnam

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Screening psychiatric morbidity after miscarriage: application of the 30-item General Health Questionnaire and the Edinburgh Postnatal Depression Scale


**SUMMARY OF VALIDATION STUDY**

A cut-off point of 11/12 was considered to be optimal for screening a population of Chinese women at six weeks after miscarriage.

**Study participants**

One hundred and fifty-six women with a mean age of 31.7 years were recruited from Prince of Wales Hospital, Hong Kong. The majority of women (91%) were married and almost half (43%) were housewives. A quarter (25.5%) of these women had experienced at least one miscarriage in the past, and 36% of the women had had previous abortions. Six percent (6%) of the women had a past history of psychiatric problems.

**Study design**

Comparison of the earlier Chinese-EPDS version developed by Dominic Lee and his colleagues and the General Health Questionnaire-30 (GHQ–30), Beck Depression Inventory (BDI) and the Structured Clinical Interview for DSM-III-R (SCID) criteria for depressive disorders and anxiety at six weeks post miscarriage.

**Study findings**

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
<th>Cut-off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>88%</td>
<td>88%</td>
<td>88%</td>
</tr>
<tr>
<td>Specificity</td>
<td>72%</td>
<td>80%</td>
<td>86%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>28%</td>
<td>34%</td>
<td>42%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>98%</td>
<td>98%</td>
<td>98%</td>
</tr>
</tbody>
</table>

The EPDS was moderately correlated with the GHQ (0.63) and the BDI (0.64). It was shown to have convergent validity with DSM-III-R depression and good internal validity (0.66).
Both GHQ and EPDS had a good sensitivity and specificity in screening for psychiatric morbidity after miscarriage. The convergent validity and the internal consistency of both scales were satisfactory.

The EPDS could only identify those subjects with major depression.

The GHQ was longer to perform, but was able to detect both anxiety and depressive disorders. The GHQ had better psychometric properties compared with EPDS (p.207).

The EPDS used with a cut-off point of 11/12 improved detection of depression after miscarriage.
Detecting postnatal depression in Chinese women: Validation of the Chinese version of the Edinburgh Postnatal Depression Scale

Screening for postnatal depression using the double-test strategy

Screening for postnatal depression: are specific instruments mandatory?


These studies use the same populations (Chinese women recruited from Princess of Wales Hospital, Hong Kong) and study design to report comparisons of the Chinese-EPDS, GHQ and BDI.

**SUMMARY OF VALIDATION STUDY**

A cut-off point of 9/10 was considered to be optimal for screening a population of women at six weeks postpartum.

**Study participants**

One hundred and forty-five women with a mean age of 29 years were recruited from Prince of Wales Hospital, Hong Kong. Almost half of the women (53%) had at least an elementary or secondary education and 3% were illiterate. Almost half of the women (45%) were employed, mostly full-time. Nearly all of the women were married (97%) and the additional 3% of women cohabited with the baby’s father. Most of the families (78%) were in Class 3 socioeconomic status band (Class 1-5, with Class 1 the highest) and a further 15% were in Class 2. Fifteen percent (15%) of the women had either a personal or a family history of psychiatric problems.
The Edinburgh Postnatal Depression Scale (Translation – Chinese)

Study design
Comparison of the Chinese-EPDS version developed by Dominic Lee and his colleagues and the General Health Questionnaire (GHQ), Beck Depression Inventory (BDI) and the Structured Clinical Interview for DSM-III-R (SCID) criteria for depressive disorders (major & minor depression) at six weeks postpartum.

Study findings - A
Using the EPDS to detect postnatal depression at 6 weeks postpartum:

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 9/10</th>
<th>Cut-off 12/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>82%</td>
<td>41%</td>
</tr>
<tr>
<td>Specificity</td>
<td>86%</td>
<td>95%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>44%</td>
<td>-</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>97%</td>
<td>-</td>
</tr>
</tbody>
</table>

The EPDS was correlated with the GHQ (0.50) and moderately correlated with the BDI (0.73). The EPDS had convergent validity with DSM-III-R depression and good internal validity.

The mean EPDS score of the women with major depression was higher than those with depressive disorder not otherwise specified which, in turn, was higher than the mean score of non-depressed women.

At a cut-off point of 12/13, the prevalence of postnatal depression was 11.3% six weeks after birth and the specificity 41% with specificity 95%.

The EPDS used with a cut-off point of 9/10 improved detection of postnatal depression compared with the cut-off 12/13 and with standard health services in Hong Kong that did not use the EPDS.

Study findings - B
Using the EPDS and GHQ together to detect postnatal depression.

<table>
<thead>
<tr>
<th></th>
<th>EPDS</th>
<th>GHQ</th>
<th>EPDS &amp; GHQ</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cut-off 9/10</td>
<td>Cut-off 4/5</td>
<td>Cut-off 9/10 &amp; 4/5</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>82%</td>
<td>88%</td>
<td>82%</td>
</tr>
<tr>
<td>Specificity</td>
<td>86%</td>
<td>89%</td>
<td>97%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>44%</td>
<td>52%</td>
<td>78%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>97%</td>
<td>98%</td>
<td>98%</td>
</tr>
<tr>
<td>AUC ROC</td>
<td>91%</td>
<td>95%</td>
<td>-</td>
</tr>
</tbody>
</table>

Using the EPDS and GHQ together can improve positive predictive value and reduce the number of false positive results when screening for postnatal depression.
Lowering false positive rates in population screening reduces unnecessary alarm and referrals.

**Study findings - C**

Comparison of the EPDS with the BDI and GHQ to detect postnatal depression.

<table>
<thead>
<tr>
<th></th>
<th>EPDS</th>
<th>GHQ</th>
<th>BDI</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cut-off</strong></td>
<td>9/10</td>
<td>4/5</td>
<td>10/11</td>
</tr>
<tr>
<td><strong>Sensitivity</strong></td>
<td>82%</td>
<td>88%</td>
<td>82%</td>
</tr>
<tr>
<td><strong>Specificity</strong></td>
<td>86%</td>
<td>89%</td>
<td>89%</td>
</tr>
<tr>
<td><strong>Positive Predictive Value</strong></td>
<td>44%</td>
<td>52%</td>
<td>50%</td>
</tr>
<tr>
<td><strong>Negative Predictive Value</strong></td>
<td>97%</td>
<td>98%</td>
<td>97%</td>
</tr>
<tr>
<td><strong>AUC ROC</strong></td>
<td>91%</td>
<td>95%</td>
<td>95%</td>
</tr>
</tbody>
</table>

The BDI and GHQ are useful in detecting depression in postpartum and may be useful alternative measures, rather than the EPDS, in postnatal depression research.

Asian women are more likely to present their depression with somatic symptoms. The BDI, with its somatic items, may be particularly suitable for Chinese subjects.
Validation of the Chinese version of the Edinburgh Postnatal Depression Scale: detecting postnatal depression in Taiwanese women


**SUMMARY OF VALIDATION STUDY**

A cut-off point of 9/10 was considered to be optimal for screening a population of women in Taipei, Taiwan at four weeks postpartum.

**Study participants**

One hundred and twenty women with an age range of 20 to 35 years were recruited from hospitals in Taipei, Taiwan. All of the women were married, primiparous, had a normal delivery and a healthy baby. Nearly all (74%) were employed and had college education.

**Study design**

Developed a translated EPDS by the authors and backtranslated by an English teacher familiar with both languages. The Taiwanese-EPDS version was piloted on three women with similar characteristics to the study sample and the results were highly consistent. This Taiwanese-EPDS version was compared with the Beck Depression Inventory (BDI-21).

**Study Findings**

The mean EPDS score was 8.95 (+4.75) with a range of 0 to 26. Using a cut-off of 9/10, the prevalence of postnatal depression was 21%.

The EPDS was strongly correlated with the BDI (0.79).

At a cut-off of 9/10, all EPDS items were found to differentiate between high risk and low risk women for postnatal depression (p<0.001). It was shown to have good internal consistency (Cronbach’s alpha, 0.87) and reliability (split-half = 0.89). The highest scores on the EPDS were for self-blaming, being anxious and unable to cope (Items 3, 4 and 6).

This Chinese version of the EPDS was found to be appropriate and recommended for screening postnatal depression among Taiwanese women.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – CHINESE)

Postdelivery screening for postpartum depression


SUMMARY OF VALIDATION STUDY

NO cut-off point was considered to be optimal for screening a population of women at two days postpartum.

Study participants
One hundred and forty-five women with a mean age of 29 years were recruited from Prince of Wales Hospital, Hong Kong. Almost half of the women (53%) had at least an elementary or secondary education and 3% were illiterate. Almost half of the women (45%) were employed, mostly full-time. Nearly all of the women were married (97%) and the additional 3% of women cohabited with the baby’s father. Most of the families (78%) were in Class 3 socioeconomic status band (Class 1-5, with Class 1 the highest) and a further 15% were in Class 2. Fifteen percent (15%) of the women had either a personal or a family history of psychiatric problems.

Study design
Prospective study of the Chinese-EPDS version developed by Dominic Lee and his colleagues, the General Health Questionnaire (GHQ) and the Beck Depression Inventory (BDI) used at two days postpartum compared with the results obtained at 6 weeks postpartum using a psychiatrist administered Structured Clinical Interview for DSM-III-R (SCID) diagnosis of depressive disorders (major & minor depression).

Study findings
The aim of the study was to determine if postnatal depression at 6 weeks postpartum could be identified as early as 2 days postpartum using the EPDS, GHQ or BDI.

<table>
<thead>
<tr>
<th></th>
<th>EPDS</th>
<th>GHQ</th>
<th>BDI</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Standard cut-off</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sensitivity</td>
<td>50%</td>
<td>36%</td>
<td>57%</td>
</tr>
<tr>
<td>Specificity</td>
<td>69%</td>
<td>87%</td>
<td>90%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>17%</td>
<td>28%</td>
<td>43%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>91%</td>
<td>92%</td>
<td>95%</td>
</tr>
</tbody>
</table>
The table above shows that these three measures when used at the usual cut-off levels did not provide sufficient sensitivity to detect women with postnatal depression two days postpartum.

The psychometric performance of the measures was unsatisfactory.

The results showed that the measures were not valid nor were they reliable when used to detect postnatal depression immediately after delivery. Even with very low cut-off levels (e.g. EPDS 4/5, GHQ 1/2 & BDI 3/4) were used, the sensitivity was only about 80% and the positive predictive value was very low (e.g. EPDS 13%, GHQ 21% & BDI 18%).

These results suggest that screening for postnatal depression 2 days after delivery may result in unacceptably high numbers of false positive results (positive predictive value) and low detection of postnatal depression (sensitivity). Both of these outcomes are equally undesirable.

It is recommended that the Chinese EPDS should not be used to identify postnatal depression at two days postpartum as the results are likely to be inaccurate.
Screening postpartum depression with the Taiwanese version of the Edinburgh Postnatal Depression Scale


SUMMARY OF VALIDATION STUDY

A cut-off point of 12/13 was considered to be optimal for screening a population of women at six weeks postpartum.

Study participants
Three hundred and twenty eight women with a mean age of 29 years were recruited from Taipei Medical University-Wan Fang Hospital. Only 203 women completed the questionnaires at 3 days postpartum for baseline information and 6 weeks postpartum. Nearly all of the women were married or cohabiting (96%). Over half of the women (57%) were employed, mostly full-time. The women were generally well educated with 39% of women finishing 10 to 12 years of education and 51% of women with 13 to 17 years of education.

Study design
Used the Chinese-EPDS version developed by Dominic Lee and his colleagues in Hong Kong for a pilot study of the Chinese-EPDS and modified several questions after back-translating identified some dialect and cultural differences from the Cantonese version. The Taiwanese-EPDS version was compared with the Beck Depression Inventory (BDI) and the Mini International Neuropsychiatric Interview (MINI) for DSM diagnosis (DSM-IV) at six weeks postpartum.

Study findings

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 12/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>96%</td>
</tr>
<tr>
<td>Specificity</td>
<td>85%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>46%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>99%</td>
</tr>
</tbody>
</table>

The EPDS was moderately correlated with the BDI (0.77). It was shown to have good internal consistency (Cronbach’s alpha, 0.87) and spilt-half reliability (0.83).
The mean EPDS score of the women with major depression (21.6) was significantly higher than those with depressive disorder (not otherwise specified) (15.7) which, in turn, was significantly higher than the mean score of non-depressed women (7.8) \(p<0.001\).

The prevalence of postnatal depression was 10.3% six weeks after birth. Nineteen women (9.4%) had major depression and the majority of these women (68%) also had a diagnosed anxiety disorder. Three women were excluded from the prevalence because their mood disorder was present at baseline and therefore not considered to be postnatal depression.

Another 12.3% of women met DSM criteria for other disorders, including anxiety and panic disorder.

The Chinese version of the EPDS was found to be a valid and reliable screening tool for Taiwanese women.

The BDI also had valid results, however, the cut-off point of 12/13 was lower to achieve good sensitivity than the usually recommended cut-off when using the BDI.
THE EDINBURGH POSTNATAL DEPRESSION SCALE  
(TRANSLATION – DUTCH)

Full name: ___________________________ Date: ______________________

Hoe voelt u zich?
Aangezien u onlangs een baby heeft gehad willen wij graag weten hoe u zich nu voelt. Onderstreep aub het antwoord dat het beste beschrijft hoe u zich de laatste 7 dagen heeft gevoeld, niet alleen hoe u zich vandaag voelt. Hieronder volgt een voorbeeld:

Ik voel me gelukkig:
Ja, over het algemeen
Ja, soms
Nee, niet echt
Nee, helemaal niet

In dit geval zou uw antwoord betekenen: “Ik heb me soms gelukkig gevoeld in de afgelopen week.” Beantwoord aub de volgende vragen op dezelfde manier.

In de afgelopen 7 dagen

1. Ik heb kunnen lachen en de zonnige kant van de dingen kunnen inzien:
   Zoveel als ik altijd kon
   Niet zo veel nu als anders
   Zeker niet zo veel nu als anders
   Helemaal niet

2. Ik heb met plezier naar dingen uitgekeken:
   Zoals altijd of meer
   Wat minder dan ik gewend was
   Absoluut minder dan ik gewend was
   Nauwelijks

3. Ik heb mij zelf onnodig verwijten gemaakt als er iets fout ging:
   Ja, heel vaak
   Ja, soms
   Niet erg vaak
   Nee, nooit

4. Ik ben bang of bezorgd geweest zonder dat er een aanleiding was:
   Nee, helemaal niet
   Nauwelijks
   Ja, soms
   Ja, zeer vaak
5. Ik reageerde schrikachtig of paniekerig zonder echt goede reden:
   Ja, tamelijk vaak
   Ja, soms
   Nee, niet vaak
   Nooit

6. De dingen groeiden me boven het hoofd:
   Ja, meestal was ik er niet tegen opgewassen
   Ja, soms was ik minder goed tegen dingen opgewassen dan anders
   Nee, meestal kon ik de dingen erg goed aan
   Nee, ik kon alles even goed aan als anders

7. Ik voelde me zo ongelukkig dat ik er bijna niet van kon slapen:
   Ja, meestal
   Ja, soms
   Niet vaak
   Helemaal niet

8. Ik voelde me somber en beroerd:
   Ja, bijna steeds
   Ja, tamelijk vaak
   Niet erg vaak
   Nee, helemaal niet

9. Ik was zo ongelukkig dat ik heb zitten huilen:
   Ja, heel vaak
   Ja, tamelijk vaak
   Alleen af en toe
   Nee, nooit

10. Ik heb era aan gedacht om mezelf iets aan te doen:
    Ja, tamelijk vaak
    Soms
    Nauwelijks
    Nooit
The Dutch version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 12/13

A score of 13 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. The study does not provide sensitivity and specificity statistics. A cut off of 12/13 was used for the study.

2. The EPDS items correlate with depression and anxiety.

Based on information from two published validation studies comparing the Dutch translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety.
Countries where Dutch is spoken:

- Indonesia
- Netherlands

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Characteristics of the Edinburgh Post Natal Depression Scale in The Netherlands.


**SUMMARY OF VALIDATION STUDY**

A cut-off point of 12/13 was considered to be optimal for screening a population of Dutch women at four weeks postpartum.

**Study participants**
Two hundred and ninety-three women with a mean age of 29.5 years were recruited from a larger study on the effect of thyroid dysfunction on depression in Eindhoven, southern Netherlands. All women had a partner or were married. Of the women studied, 84% intended to have a home delivery, however 32% needed hospital delivery due to complications. A further 16% had a normal delivery in hospital. For 44% of the women, this was the first baby.

**Study design**
Developed a translated EPDS by the authors and back-translated by a native English-speaker and compared with the English version. This Dutch-EPDS version was compared with the Dutch version of the Depressive Adjective Check List (VROPSOM), Self-rating Depression Scale (SDS), Beck Depression Inventory (BDI) and the Symptom Check List (SCL90-D).

**Study findings**
The researchers used factor analysis to determine that the EPDS was a valid measure of depression. The questions in the EPDS were found to correlate with both depression and anxiety.

<table>
<thead>
<tr>
<th>Latent factor</th>
<th>Factor Label</th>
<th>EPDS Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factor 1</td>
<td>Depressive symptoms</td>
<td>1, 2, 7, 8, 9, 10</td>
</tr>
<tr>
<td>Factor 2</td>
<td>Cognitive anxiety</td>
<td>3, 4, 5</td>
</tr>
<tr>
<td>Factor 1 &amp; 2</td>
<td>Depressive symptoms &amp; Cognitive anxiety</td>
<td>6 (&quot;Things have been getting on top of me&quot;)</td>
</tr>
</tbody>
</table>
The EPDS was moderately correlated with the VROPSOM (0.69), SDS (0.57), BDI (0.59) and the SCL-90-D (0.60). It was also shown to have excellent internal validity (0.82).

It was concluded that the Dutch-EPDS is a user friendly self-rating scale that can be completed quickly. The researchers also found that participants were happy to complete all the questions.

The Dutch version of the EPDS identified depressive symptoms and cognitive anxiety.
Does the Edinburgh Postnatal Depression Scale measure anxiety?


SUMMARY OF VALIDATION STUDY

A cut-off point of 12/13 was considered to be optimal for screening a population of Dutch women at twenty-four weeks gestation.

Study participants
One hundred and ninety-seven women with a mean age of 30.8 years were recruited from a larger study on the effect of maternal thyroid hormone during pregnancy in the Netherlands. Almost half (42%) were in their first pregnancy. Over half of the women (57%) were in the middle income bracket.

Study design
Used the Dutch-EPDS version developed by Pop et al (1992) and compared with the depression and anxiety subscales of the Symptom Check List (SCL-90) and State and Trait Anxiety Inventory (STAI) trait and state anxiety subscales. The study aimed to determine whether the EPDS measured anxiety, as well as depression at a cut-off of 12/13.

Study findings
The researchers used principal component factor analysis to determine that the EPDS was a valid measure of depression.

The EPDS identified depressive symptoms and anxiety. The questions in the EPDS were correlated with both depression and anxiety.

<table>
<thead>
<tr>
<th>Latent factor</th>
<th>Factor Label</th>
<th>EPDS Questions</th>
<th>Variance Accounted For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factor 1</td>
<td>Depressive symptoms</td>
<td>1, 2, 8</td>
<td>39.9%</td>
</tr>
<tr>
<td>Factor 2</td>
<td>Anxiety symptoms</td>
<td>3, 4, 5</td>
<td>12.2%</td>
</tr>
</tbody>
</table>

A third factor was identified but excluded because the factor loaded exclusively on item 10 which refers to self harm but the majority of the women (97.5%) had never thought of harming themselves.
The EPDS was shown to have high internal consistency (Cronbach’s alpha, 0.80) and the two subscales, depressive symptoms and anxiety symptoms, had moderate correlations (0.79 and 0.60 respectively).

The depressive symptoms subscale did not correlate well (0.37) with the anxiety symptoms subscale which indicates that the subscales are measuring different symptoms.

The EPDS items were better correlated with both the depressive symptoms and the anxiety symptoms subscales than the subscales did with each other.

The study concluded that the EPDS does not accurately and reliably measure anxiety. Only three items of the EPDS were identified to measure anxiety symptoms.

Health professionals should be aware however, that the EPDS is measuring anxiety, as well as depression.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – FRENCH)

Full name: ___________________________ Date: __________________

Vous venez d’avoir un bébé. Nous aimerions savoir comment vous vous sentez. Nous vous demandons de bien vouloir remplir ce questionnaire en soulignant la réponse qui vous semble le mieux décrire comment vous vous êtes sentie durant la semaine (c’est-à-dire sur les 7 jours qui viennent de s’écouler) et pas seulement au jour d’aujourd’hui:

Voici un exemple

Je me suis sentie heureuse:
   Oui, tout le temps
   Oui, la plupart du temps
   Non, pas très souvent
   Non, pas du tout.

Ceci signifiera “je me suis sentie heureuse la plupart du temps durant la semaine qui vient de s’écouler”. Merci de bien vouloir répondre aux autres questions.

PENDANT LA SEMAINE QUI VIENT DE S’ECOULER

1. J’ai pu rire et prendre les choses du bon côté:
   Aussi souvent que d’habitude
   Pas tout-à-fait autant
   Vraiment beaucoup moins souvent ces jours-ci
   Absolument pas

2. Je me suis sentie confiante et joyeuse, en pensant à l’avenir:
   Autant que d’habitude
   Plutôt moins que d’habitude
   Vraiment moins que d’habitude
   Pratiquement pas

3. Je me suis reprochée, sans raisons, d’être responsable quand les choses allaient mal:
   Oui, la plupart du temps
   Oui, parfois
   Pas très souvent
   Non, jamais

4. Je me suis sentie inquiète ou soucieuse sans motifs:
   Non, pas du tout
   Presque jamais
   Oui, parfois
   Oui, très souvent
5. Je me suis sentie effrayée ou paniquée sans vraiment de raisons:
   Oui, vraiment souvent
   Oui, parfois
   Non, pas très souvent
   Non, pas du tout

6. J’ai eu tendance à me sentir dépassée par les événements:
   Oui, la plupart du temps, je me suis sentie incapable de faire face aux situations
   Oui, parfois, je ne me suis pas sentie aussi capable de faire face que d’habitude
   Non, j’ai pu faire face à la plupart des situations
   Non, je me suis sentie aussi efficace que d’habitude

7. Je me suis sentie si malheureuse que j’ai eu des problèmes de sommeil:
   Oui, la plupart du temps
   Oui, parfois
   Pas très souvent
   Non, pas du tout

8. Je me suis sentie triste ou peu heureuse:
   Oui, la plupart du temps
   Oui, très souvent
   Pas très souvent
   Non, pas du tout

9. Je me suis sentie si malheureuse que j’en ai pleuré:
   Oui, la plupart du temps
   Oui, très souvent
   Seulement de temps en temps
   Non, jamais

10. Il m’est arrivé de penser à me faire du mal:
    Oui, très souvent
    Parfois
    Presque jamais
    Jamais

THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – FRENCH)

The French version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 10/11

A score of 11 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. The recommended cut-off point is 11/12 when the French version of the EPDS is used with high-risk antenatal women during the third trimester of pregnancy.

2. This study does not validate the use of the EPDS in the antenatal period for women with low risk pregnancies and at other periods of gestation.

3. The recommended cut-off point is 9/10 when the French version of the EPDS is used at three days postpartum.

Based on information from three published validation studies comparing the French translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety. Also included are the results of validation study based on information collected from the abstract only.
Countries where French is spoken:

- Algeria
- Andorra
- Belgium
- Benin (Dahomey)
- Burkina Faso
- Cambodia
- Canada
- Central African Republics
- Chad
- Djibouti
- Dominican Republic
- Egypt
- France
- Gabon
- Guinea
- Haiti
- Luxembourg
- Madagascar
- Mali
- Martinique
- Mauritania
- Mauritius
- Mayotte
- Monaco
- Morocco
- New Caledonia
- Niger
- Rwanda
- Senegal
- Seychelles
- Switzerland
- Togo
- Tunisia
- Vanuatu
- Zaire

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
**THE EDINBURGH POSTNATAL DEPRESSION SCALE**  
(TRANSLATION – FRENCH)

Validation study of the French version of the Edinburgh Postnatal Depression Scale (EPDS): new results about use and psychometric properties


**SUMMARY OF VALIDATION STUDY**

**A cut-off point of 10/11** was considered to be optimal for screening a population of French women at between **3 weeks and four months postpartum**.

**Study participants**
Eighty-seven women with a mean age of 30.4 years were recruited from a maternity hospital in Paris, France. The majority of women (77%) were married or had a partner. More than half of the women (69%) had a normal delivery in hospital; 22% had a forceps delivery and 9% had a caesarean section delivery. The majority of the women (63%) worked full-time, with another 15% working part-time.

**Study design**
Developed a translated EPDS by the authors and back-translated by two native English-speakers and compared with the English version. This French-EPDS version was compared with the French validated version of the semi-structured interview Present State Examination (PSE-10) to diagnose DSM-III-R major and minor depressive disorders (definite and probable) according to Research Diagnostic Criteria (RDC). It was also compared with the Clinical Global Impression (CGI) and the Visual Analogic Scale (VAS) for severity of depression, General Health Questionnaire (GHQ-28) and the Center Epidemiological Scale – Depression (CES–D).

**Study findings**
The researchers used factor analysis to determine that the EPDS was a valid measure of depression. The questions in the EPDS were found to correlate with two subscales: depressive symptoms and depressive mood.
The Edinburgh Postnatal Depression Scale
(Translation – French)

<table>
<thead>
<tr>
<th>Latent factor</th>
<th>Factor Label</th>
<th>EPDS Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factor 1</td>
<td>Depressive symptoms</td>
<td>3, 4, 5, 6, 7, 8, 9</td>
</tr>
<tr>
<td>Factor 2</td>
<td>Depressive mood</td>
<td>1, 2, 8, 10</td>
</tr>
<tr>
<td>Factor 1 &amp; 2</td>
<td>Depressive symptoms &amp; Depressive mood*</td>
<td>8 (“I have felt sad or miserable”)</td>
</tr>
</tbody>
</table>

The prevalence found in this study at a cut-off point 10/11 was 51.7% which was considerably higher than the prevalence usually found for postpartum depression. At a cut-off of 10/11, there was good sensitivity and specificity as well as good positive and negative predictive values.

<table>
<thead>
<tr>
<th>Prevalence of PND = 51.7%</th>
<th>Cut-off 10/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>80%</td>
</tr>
<tr>
<td>Specificity</td>
<td>92%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>91%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>81%</td>
</tr>
</tbody>
</table>

When using a prevalence of postnatal depression of 15%, the positive predictive value was lower and there would be more cases of depression unidentified.

Comparison with a 15% prevalence rate:

<table>
<thead>
<tr>
<th>Prevalence of PND=15%</th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
<th>Cut-off 11/12</th>
<th>Cut off 12/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>84%</td>
<td>80%</td>
<td>73%</td>
<td>60%</td>
</tr>
<tr>
<td>Specificity</td>
<td>78%</td>
<td>92%</td>
<td>95%</td>
<td>97%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>30%</td>
<td>64%</td>
<td>72%</td>
<td>78%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>96%</td>
<td>96%</td>
<td>95%</td>
<td>93%</td>
</tr>
</tbody>
</table>

The EPDS was moderately correlated with the VAS (0.73), CGI (0.75), GHQ-28 (0.76), CES-D (0.84) and GHQ-Depressive Scale (0.62). The EPDS also had good internal validity (0.76) and test re-test reliability with a one week interval (0.92).

It was concluded that the French-EPDS is a user friendly self-rating scale that can be completed quickly. The researchers also found that participants were happy to complete all the questions. The EPDS can also be used in assessing the intensity of postnatal depression.

It is important that the EPDS is able to identify all cases of major depression as there may be no further opportunity to identify this level of depression. Therefore, these authors conducted further research to identify and investigate the screening results of three women who were false negative for major depression diagnosis.

The main depressive symptom of these three women was psychomotor retardation. They had dysphoric mood expressed as flatness, affect bluntness and irritability. It
was noted that they did not express sadness. One of these women took nearly 45 minutes to complete all 3 questionnaires because of psychomotor retardation. The other women took an average 15 minutes to complete these questionnaires.

The research identified 10 other studies where false negatives on the EPDS were investigated. Four of these 10 studies identified false negative results for major depression. All were community studies. (See Harris, B., Huckle, P. & Thomas, R., 1989 in the Wales, UK \(^{17}\); Wickberg & Hwang, 1996 in Sweden \(^{18}\); Yoshida \textit{et al.}, 1997 with Japanese women in the UK \(^{19}\); and Muzik \textit{et al.}, unpublished).
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – FRENCH)

Detecting women at risk for postnatal depression using the Edinburgh Postnatal Depression Scale at 2 to 3 days postpartum


SUMMARY OF VALIDATION STUDY

A cut-off point of 9/10 and 10/11 were considered to be optimal for screening a population of French women at 2 to 3 days and 4 to 6 weeks postpartum.

Study participants
One thousand, three hundred and nine women with a mean age of 30.2 years were recruited from obstetric clinics in Toulouse, France. Almost all the women (97%) were married or cohabiting with the father. Most of these women (86%) had a normal delivery. One thousand, one hundred and fifty-four of these women completed the EPDS at four to six weeks postpartum.

Study design
Used an amended French-EPDS version at 2 to 3 days postpartum. The version was changed to ask how they had been feeling ‘since delivery’ instead of ‘in the past week.’ At 4 to 6 weeks, the EPDS was sent to the mothers to complete and return by mail. This study compared three levels of EPDS scores at two postpartum times – 2-3 days and 4-6 weeks. Scores, at both times, were allocated to one of four score bands i.e. 0; 1 to 9; 10 to 12; > 13.

Study findings
There was a high response rate for completion of the EPDS (88.1%) when it was posted to the mothers at 4 to 6 weeks suggesting that the women found the questions acceptable.

The internal consistency of the EPDS was 0.79 at 2-3 days postpartum and 0.82 at four to six weeks postpartum.

The mean EPDS score at 2 to 3 days (mean EPDS 6.54; S.D. 4.64) was significantly higher than the EPDS scores at 4 to 6 weeks postpartum (mean EPDS 6.03, S.D. 4.36) [p<0.0001]. The EPDS score at 2 to 3 days was the only significant predictor of the EPDS score at 4 to 6 weeks postpartum (p<0.0001). Age, parity and type of delivery did not significantly predict subsequent depressive symptoms.
It was also found that mothers tended to fall within the same EPDS score band at both times ($p<0.001$).

The researchers claimed that cut-off scores of 9/10 and 10/11 gave good sensitivity, specificity and positive predictive value, however the results presented were difficult to interpret.
A study on the Edinburgh Postnatal Depression Scale (EPDS) on 859 mothers: detection of mothers at risk for postpartum depression

ABSTRACT ONLY

SUMMARY OF VALIDATION STUDY

A cut-off point of 8/9 was considered to be optimal for screening a population of French women at three days postpartum.

A cut-off point of 11/12 was considered to be optimal for screening a population of French women at four to six weeks postpartum.

Study participants
Eight hundred and fifty-nine women with a mean age of 30.3 years were recruited from obstetrical clinics in Toulouse, France. Mothers being treated for psychological problems or who had babies with a serious illness were excluded from the original study population. Almost all the women (82.6%) had a normal birth and 17.3% required caesarean section. For just over half of the women (51.5%), this was the first pregnancy.

Study design
This French-EPDS version was compared with the French version of the Mini International Neuropsychiatric Interviews (MINI) for DSM-IV for diagnosis of major depression, Structured Interview Guide for the Hamilton Depression Scale (SIGH-D) and the Beck Depression Inventory (BDI). At 4 to 6 weeks, the EPDS was mailed to mothers to complete and the EPDS at 3 days postpartum was completed in hospital.

Study findings
The researchers used factor analysis to determine that the EPDS was a valid measure of depression. At 3 days postpartum the questions in the EPDS were found to correlate with both depression (20%) and anxiety (28%). By 4 to 6 weeks, the measure was found to be one-dimensional with a single dimension accounting for 40% of the variance.
The Edinburgh Postnatal Depression Scale
(Translation – French)

<table>
<thead>
<tr>
<th></th>
<th>3 days pp</th>
<th>4 – 6 weeks pp</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cut-off 8/9 (postpartum depression)</td>
<td>Cut-off 11/12 (major depression)</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>88%</td>
<td>91%</td>
</tr>
<tr>
<td>Specificity</td>
<td>50%</td>
<td>74%</td>
</tr>
</tbody>
</table>

At 3 days postpartum, 30% of the mothers had postnatal depression (EPDS cut-off 8/9) and 19% of the mothers had an EPDS score of at least 11/12. Between 4 to 6 weeks, 18.1% of these women had postnatal depression (EPDS cut-off 11) and 16.8% had major depression (EPDS cut-off 12).

The EPDS scores at 3 days and 4 to 6 weeks postpartum were significantly correlated ($r=0.56$, $p<0.05$). This indicates that women who were depressed at 3 days postpartum were significantly more likely to be depressed at 4 to 6 weeks postpartum. The probability of scoring above the EPDS cut-off at 4 to 6 weeks was greater for women who had higher scores at 3 days postpartum. The EPDS was moderately correlated with the BDI (0.68) and the Hamilton Depression Scale (0.67).

The EPDS was also shown to have excellent internal consistency at 3 days postpartum (>0.80).

The EPDS was considered to be of good validity and easy and quick to use in postnatal services. Mothers found to be depressed in the first week postpartum were at risk of developing major postpartum depression.

French – Validated EPDS
Validation of the Edinburgh Postnatal Depression Scale (EPDS) in a sample of women with high risk pregnancies in France


SUMMARY OF VALIDATION STUDY

A cut-off point of 11/12 was considered to be optimal for screening a population of French women antenatally in the third trimester at 28 – 34 weeks gestation.

Study participants
Sixty women with a mean age of 31.5 years and with high risk pregnancies were recruited from a maternity hospital in Paris, France. Almost all the women (98%) were living with the father. Of these women, 73% were married and 16% were co-habiting. Forty percent (40%) of the women had at least one previous obstetric problem including premature births (18%), termination of pregnancy for medical reasons (7%), induced abortion (25%), spontaneous abortion (22%) or ectopic pregnancy (2%). For the current pregnancy, 20% had undergone fertility treatment, 12% were twin pregnancies and 18% had been given in utero diethylstilbestrol for premature labour. Further complications included hypertension, gestational diabetes, polyhydramnios, Rh incompatibility, foetal growth retardation and other pregnancy-related complications.

Study design
Used the French-EPDS version translated by Guedeney et al. The French-EPDS version was compared with the French version of the Mini International Neuropsychiatric Interviews (MINI) for DSM-IV for a range of mood and anxiety disorders, Clinical Global Impression (CGI) and Hospital Anxiety and Depression Scale (HADS).

Study findings
The researchers used factor analysis to determine that the EPDS was a valid measure of depression. The items in the EPDS were found to correlate with both depression and other disorders including anxiety.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – FRENCH)

<table>
<thead>
<tr>
<th>Latent factor</th>
<th>Factor Label</th>
<th>EPDS Questions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factor 1</td>
<td>Other disorders including anxiety</td>
<td></td>
</tr>
<tr>
<td>Factor 2</td>
<td>Depression</td>
<td></td>
</tr>
<tr>
<td>Factor 1 &amp; 2</td>
<td>Depression and other disorders including anxiety</td>
<td></td>
</tr>
</tbody>
</table>

Cut-off 9/10 | Cut-off 10/11 | Cut-off 11/12 | Cut-off 12/13 |
---|---|---|---|
Sensitivity | 87% | 80% | 80% | 73% |
Specificity | 71% | 73% | 80% | 82% |
Positive Predictive Value | 35% | 35% | 42% | 42% |
Negative Predictive Value | 97% | 95% | 95% | 94% |

The EPDS was well correlated with the HADS (0.74) and CGI (0.91). It was also shown to have high internal validity (0.76) and test re-test reliability (0.83). When the factors were considered as two subsets, the Cronbach-alpha for Factor 1 was 0.77 and Factor 2 was 0.85. These two factors accounted for 62% of the total variance in this measure. A T-test for each subset showed statistically significant differences between depressed and non-depressed women only for Factor 2 (depression).

It was concluded that the French-EPDS is a user-friendly self-rating scale that can be completed quickly. The researchers also found that participants were happy to complete all the questions. The EPDS was found to have better face validity than the HADS.

This validation of the EPDS for use during pregnancy in a high risk sample of women needs cross-validation with other samples of women across the community.
**The Edinburgh Postnatal Depression Scale**
*(Translation – German)*

Full name: ____________________________ Date: ________________

Wie fühlen Sie sich?
Da Sie kürzlich ein Baby bekommen haben, möchten wir gerne von Ihnen wissen, wie Sie sich jetzt fühlen. Bitte, unterstreichen Sie diejenige Antwort, die am besten beschreibt, wie Sie sich während der letzten sieben Tage, also nicht nur heute, gefühlt haben: Hier ist ein bereits ausgefülltes Beispiel:

Ich war glücklich:
- Ja, meistens
- Ja, manchmal
- Nein, nicht sehr oft
- Nein, gar nicht

Das würde bedeuten: „Während dieser Woche habe ich mich manchmal glücklich gefühlt.”

Bitte beantworten Sie in gleicher Weise auch die übrigen Fragen.

**Während der letzten 7 Tage**

1. Ich konnte lachen und die komische Seite von Dingen sehen:
   - So viel wie bisher
   - Nicht ganz wie früher
   - Bestimmt nicht so sehr wie bisher
   - Überhaupt nicht

2. Ich habe mich auf Dinge im voraus gefreut:
   - So viel wie bisher
   - Wohl weniger als gewöhnlich
   - Bestimmt weniger als gewöhnlich
   - Fast nie

3. Ich habe mich schuldig gefühlt, wenn etwas schief ging:
   - Ja, meistens
   - Ja, manchmal
   - Nicht sehr oft
   - Nein, nie

4. Ich war ängstlich oder besorgt ohne einen guten Grund:
   - Nein, gar nicht
   - Kaum jemals
   - Ja, manchmal
   - Ja, sehr oft
5. Ich habe mich gefürchtet oder war von Panik ergriffen ohne einen guten Grund:
   Ja, sehr häufig
   Ja, manchmal
   Nein, nicht besonders
   Nein, gar nicht

6. Dinge wurden mir einfach zuviel:
   Ja, meistens konnte ich die Situation gar nicht meistern
   Ja, manchmal konnte ich die Situation nicht so gut wie sonst meistern
   Nein, meistens konnte ich die Situation ganz gut meistern
   Nein, ich bewältigte Dinge so gut wie immer

7. Ich war so unglücklich, daß ich nur schlecht schlafen konnte:
   Ja, meistens
   Ja, ziemlich häufig
   Nicht sehr oft
   Nein, nie

8. Ich habe mich traurig oder elend gefühlt:
   Ja, meistens
   Ja, ziemlich häufig
   Nein, nicht sehr häufig
   Nein, gar nicht

9. Ich war so unglücklich, daß ich weinen musste:
   Ja, meistens
   Ja, ziemlich häufig
   Nur gelegentlich
   Nein, nie

10. Der Gedanke, mir etwas anzutun, ist mir eingefallen:
    Ja, ziemlich häufig
    Manchmal
    Kaum jemals
    Niemals

The German version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 10/11

A score of 11 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. These were the only research studies in English that provided validation information. One study is abstract only and the other has a very small sample size. The recommended cut-off point must be used with caution.

Based on the information from one published validation study comparing the German translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety. Also included are the results of validation study based on information collected from the abstract only.
Countries where German is spoken:

- Argentina
- Austria
- Belgium
- Brazil
- Czech Republic
- Germany
- Hungary
- Lichtenstein
- Luxembourg
- Namibia
- Poland
- Romania
- Slovakia
- Switzerland

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
German language version and validation of the Edinburgh Postnatal Depression Scale

ABSTRACT ONLY

SUMMARY OF VALIDATION STUDY

A cut-off point of 9/10 was considered to be optimal for screening a population of Austrian women at 4 days postpartum.

Study participants
One hundred and ten randomly selected women were recruited after childbirth in a postnatal ward in Austria. The mean age for these women was 28.6 years. The majority of women (72%) were married and 55% had had previous pregnancies.

Study design
The authors used the German version of the EPDS. The German-EPDS was compared with a semi-structured interview for clinical diagnosis of major depression using the International Classification of Diseases (ICD-10).

Study findings

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 9/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>96%</td>
</tr>
<tr>
<td>Specificity</td>
<td>100%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>100%</td>
</tr>
</tbody>
</table>

The EPDS was highly correlated with a split-half reliability of 0.82 and an alpha coefficient of 0.81.

The German version was found to be user friendly, valid and reliable as a measure for clinical use.
Are commonly used self-report inventories suitable for screening postpartum depression and anxiety disorders?


SUMMARY OF VALIDATION STUDY

A cut-off point of 10/11 was considered to be optimal for screening a population of Austrian women at 3 and 6 months postpartum.

Study participants
Fifty women were recruited from a larger epidemiological study of postnatal depression in Austria. The majority (77%) of the women were married and 77% had completed secondary education. The mean age for these women was 28 years and 54% had had previous pregnancies.

Study design
The authors used the German version of the EPDS. The German-EPDS was compared with the Structured Clinical Interview for DSM-III-R for major depression and anxiety, the Zung self-rating depression scale and the Symptom Checklist-90 Revised (SCL-90-R) for depression and anxiety.

Study findings

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
<th>Cut off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>78%</td>
<td>87%</td>
<td>66%</td>
</tr>
<tr>
<td>Specificity</td>
<td>75%</td>
<td>87%</td>
<td>92%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>44%</td>
<td>58%</td>
<td>66%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>94%</td>
<td>97%</td>
<td>92%</td>
</tr>
</tbody>
</table>

The German-EPDS appeared to screen reliably for postnatal depression and was able to distinguish major depression.

The prevalence of postnatal depression was 18% for the study population using the German-EPDS. Rates of anxiety disorder were high. There was minimal diagnostic overlap between major depression and anxiety disorders.

A cut off of 10/11 appeared to yield maximum sensitivity and specificity for major depression.
Anyi mara na imuru nwa n’isi nso a, o ga – amasi anyi imara otu onodu gi si di. Aziza gig a egosi, obughị nani otu I di taa, ka ma otu onodu si wee diri gi ka mgbe abali asaa gara aga.

Dika ihe atu: Enwere m obi anuri:

(a) Oge nile.
(b) Ee, ihe di ka otutu oge
(c) Ee e obughị oge nile
(d) Ee e enweghi m ma - oli

Nke a putara: N’ime abali asaa gara aga, enwere m obi anuri ihe dika otutu oge.

UGBUA, ZAA AJUJU NDIA

1. Enwere m ike ichi ochi, na kwa ihu ihe uto nke ihe:
   (a) Dika m n’emeburi
   (b) Obughị n’uzo di ukuu ugbua
   (c) Odoro anya n’odighi ukuu ugbua
   (d) Odighi ma – oli

2. Ana m ene anya n’ihu inweta ihe uto na - ndu:
   (a) Dika m si enwebu ri
   (b) Opekariri out m si enwebu
   (c) Odoro anya na opekariri nnoo out o na - adiburi
   (d) O n’esi nnoo ike inwe

3. Ana m ata onwe m uta n’uzo n’enweghi isi mgbe ihe anaghi agazi ofuma:
   (a) Ee ihe dika oge nile
   (b) Ee, mgbe ufodu
   (c) Obughị oge nile
   (d) Ee e, odighi mgbe obula nke a n’eme

4. Ana m enwe mgbakasi ah una nchekasi n’uzo n’enweghi isi; (n’enweghi ezi ihe mere ka o di out ahu):
   (a) E e odighi ma - oli
   (b) Nke a n’esi ike ime
   (c) Ee, mgbe ufodu
   (d) Ee, ihe dika oge nile
5. Ujo na mmawapu obi n’enweghi isi turu m mgbe o n’enweghi ezi ihe kpatara ya:
   (a) Ee, o n’eme otutu
   (b) Ee, mgbe ufodu
   (c) Ee e onaghi emesi ike otu ahu
   (d) Ee e onaghi eme ma - oli

6. O di ka-agasi n’ihe nile na-adakwasi m nnno:
   (a) Ee, ihe kariri otutu ugbo anaghi m enwe ike ma oli inagide ihe omume
   (b) Ee, mgbe ufodu enweghi m ike inagide ihe omume otu m si emebu
   (c) Ee e, otutu mgbe ana m enwe ike ihe omume nke - oma
   (d) Ee e, ana m anagide nnno ihe omume dika m si eme buri

7. Obi adighi m uto, nke mere n’irahu ura n’esiri m ike:
   (a) Ee ihe dika oge nile
   (b) Ee, mgbe ufodu
   (c) Obughi oge nile
   (d) Ee, e odighi ma - oli

8. Enwere m iwe, obi adighikwa, m uto:
   (a) Ee ihe dika oge nile
   (b) Ee, otutu oge
   (c) Obughi oge nile
   (d) Ee e, odighi ma - oli

9. Ana m ebe nnoo akwa n’ihi na obi adighi m mma:
   (a) Ee ihe dika oge nile
   (b) Ee, otutu oge
   (c) O bun ani odikata
   (d) Ee e, odighi ma - oli

10. O n’abia m n’obi ka mmeru o onwe m ahu:
    (a) Ee, ihe dika oge nile
    (b) Mgbe ufodu
    (c) O n’esi ike
    (d) O dighi ma – oli

NDEWO


The Edinburgh Postnatal Depression Scale (Translation – Igbo)

The Igbo version of the EPDS is a reliable and valid screening tool for postnatal depression.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. This translated version is not designed to be used as a self-report written measure. A trained interviewer, who is proficient in speaking Igbo, is required to assist the mother answer the questions verbally.

2. Nigerian women who can read English should complete the English-EPDS in the usual manner.

3. This translation focuses on Igbo as used in 5 main central states in Nigeria (Abia, Anambra, Ebonyi, Imo and Enugu). The version may be applicable to other states where some aspects of Igbo is spoken, such as, Delta, Edo, Benue and River state.

Based on the information from one published validation study comparing the Igbo translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety.
Countries where Igbo is spoken:

- Nigeria (official language of Eastern Nigeria)

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – IGBO)

Affective (depressive) morbidity in puerperal Nigerian women:
validation of the Edinburgh postnatal depression scale

Uwakwe, R. (2003). Affective (depressive) morbidity in puerperal Nigerian women:
validation of the Edinburgh postnatal depression scale. *Acta psychiatria
Scandinavica*, 107, 251-259.

SUMMARY OF VALIDATION STUDY

A cut-off point of 9/10 was considered to be optimal for screening a population of
Igbo speaking women at six to eight weeks postpartum.

Study participants
Two hundred and twenty-five women recruited from the postnatal clinics of Nnamdi
Azikiwe University Teaching Hospital, Nnewi between April and August 2000. All
women were residents of Ananbra State in Eastern Nigeria. The average age of the
women was 28.9 years and almost all were married (98.6%). It was the second
pregnancy for most of these women (72%) and most of the women had a normal
delivery with no complications (87%).

The women were not representative of Eastern Nigerian women. The majority of the
study participants was literate (79.7%) and many were employed in white collar jobs,
such as, teachers/lecturers (14.3%), large companies (7.1%) and other professions
(e.g. bankers) (9.3%). Other women were traders (27.1%) and students, manual
workers or other low income workers (35.6%).

The researchers noted that the women who attend obstetric wards and postnatal
clinics at this hospital prefer modern services and were middle to high class. Other
women used the hospital services because they were low class and could not afford
private services or they were referred to the hospital because of pregnancy
complications.

Study design
Developed a translated EPDS by three bilingual nurses and back-translated by two
bilingual medical students and one layman. Both groups met and discussed
differences. A pilot study conducted in the hospital found that the measure was
acceptable and did not require changes.
The Igbo-EPDS version was compared with the Symptom-Check List (SCL) developed from the Composite International Diagnostic Interview Schedule (CIDIS) to make ICD-10 diagnosis of depression. The Nigerian version of Zung Self Rating Depression Scale (ZDS) was also used. The EPDS was used both in English and Igbo depending on the mother’s literacy and language skills. Bilingual literate mothers completed the self-report English version of the EPDS. Non-literate mothers (n = 45) had the questions read out to them in Igbo and their responses were recorded.

**Study findings**

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 9/10</th>
<th>Cut-off 11/12</th>
<th>Cut-off 12/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>75%</td>
<td>63%</td>
<td>50%</td>
</tr>
<tr>
<td>Specificity</td>
<td>97%</td>
<td>98%</td>
<td>98%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>75%</td>
<td>83%</td>
<td>80%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>97%</td>
<td>95%</td>
<td>94%</td>
</tr>
</tbody>
</table>

The overall mean EPDS score was 5.0 with a range from 0 to 23. The prevalence of ICD-10 diagnosed depression was 10.7% and these depressed women had a mean EPDS score of 12.1 with a range from 6 to 22. Non-depressed women had significantly lower EPDS scores (p<0.001) with a mean of 4.3 and a range from 0 to 13.

The EPDS was highly correlated with the ZDS (0.87) and there was good concordance between these two measures in identifying women with depression (k=0.72). The reliability of the EPDS was 0.83 using Cronbach’s alpha.

The odds ratio for the optimum EPDS cut-off score of 9/10 was 8.38 compared with a much lower odds ratio of 0.93 at the EPDS cut-off of 6/7 and 1.68 at the EPDS cut-off of 7/8.

The researchers cite other studies in Nigeria that show reading mental health questionnaires with clients does not compromise reliability and validity.

The results clearly showed that the EPDS can be used to distinguish between depressed and non-depressed postnatal Nigerian women. It is a valid screening test for detecting possible postnatal depression.
THE EDINBURGH POSTNATAL DEPRESSION SCALE  
(TRANSLATION – ITALIAN)

<table>
<thead>
<tr>
<th>Full name:</th>
<th>Date:</th>
</tr>
</thead>
</table>

Lei di recente ha avuto un bambino. Ci piacerebbe sapere come si è sentita nell’ultima settimana. La preghiamo di sottolineare la risposta che meglio descrive come si è sentita nei sette giorni appena trascorsi e non soltanto come si sente oggi. Per aiutarla, ecco un esempio già completato:

Sono stata felice
   Sì, sempre
   Sì, per la maggior parte del tempo
   No, non molto spesso
   No, per niente

Il che in pratica significa ‘Sono stata per lo più felice durante la scorsa settimana’. Per favore completi le altre domande nello stesso modo.

Nei sette giorni appena trascorsi:

(1) Sono stata capace di ridere e di vedere il lato comico delle cose
   Come al solito
   Un po’ meno del solito
   Decisamente meno del solito
   Per niente

(2) Ho pregustato con piacere le cose
   Come al solito
   Un po’ meno del solito
   Decisamente meno del solito
   A mala pena

(3) Ho dato inutilmente la colpa a me stessa quando le cose sono andate male
   Sì, il più delle volte
   Sì, qualche volta
   Non molto spesso
   No, mai

(4) Sono stata ansiosa o preoccupata senza una valida ragione
   No, per niente
   Quasi mai
   Sì, talvolta
   Sì, spesso
(5) Ho provato paura o sono stata in preda al panico senza una valida regione
   Sì, quasi sempre
   Sì, talvolta
   No, non molto spesso
   Mai

(6) Le cose mi hanno causato eccessiva preoccupazione
   Sì, il più delle volte non sono stata capace di affrontarle
   Sì, qualche volta non sono stata capace di affrontarle come sempre
   No, il più delle volte le ho affrontate abbastanza bene
   No, le ho affrontate bene come sempre

(7) Sono stata così infelice che ho avuto difficoltà a dormire
   Sì, il più delle volte
   Sì, qualche volta
   Non molto spesso
   No, per nulla

(8) Mi sono sentita triste o avvilita
   Sì, per la maggior parte del tempo
   Sì, abbastanza spesso
   Solo occasionalmente
   No, mai

(9) Sono stata così infelice che ho pianto
   Sì, per la maggior parte del tempo
   Sì, abbastanza spesso
   Solo occasionalmente
   No, mai

(10) Mi è venuta in mente l’idea di farmi del male
    Sì, abbastanza spesso
    Qualche volta
    Quasi mai
    Mai

Grazie per la sua collaborazione
The Edinburgh Postnatal Depression Scale
(Translation – Italian)

The Italian version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. Both of the studies had excellent validity and reliability results. A cut-off of 9/10 was chosen because the Italian-EPDS version translated by Carpiniello et al, 1997 was selected for use by bilingual health professionals in Western Australia.

Based on the information from two published validation studies comparing the Italian translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression /anxiety.
Countries where Italian is spoken:

- Argentina
- Egypt
- Italy
- Monaco
- San Marino
- Somalia
- Switzerland

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Validation of the Edinburgh Postnatal Depression Scale in Italy


**SUMMARY OF VALIDATION STUDY**

A cut-off point of 9/10 was considered to be optimal for screening a population of Italian women at four to six weeks postpartum.

**Study participants**

Sixty-one women recruited from the Obstetrics Clinic of the University of Cagliari Hospital, in Sardinia, Italy between April and June 1992. The mean age of the women was 31.6 years. This was the first pregnancy for over half of the women (52%). Most of the women (77%) had a normal delivery. Thirteen per cent (13%) had a family history of depression and one woman had had a previous major depressive episode.

**Study design**

Developed a translated EPDS by the authors and back-translated by a native English-speaker and compared with the English version. No relevant differences were identified between the two versions. The Italian-EPDS version was compared with the Italian version of the Present State Examination (PSE) for depression.

**Study findings**

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 8/9</th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
<th>Cut off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>100%</td>
<td>88%</td>
<td>78%</td>
</tr>
<tr>
<td>Specificity</td>
<td>69%</td>
<td>83%</td>
<td>92%</td>
<td>98%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>36%</td>
<td>50%</td>
<td>66%</td>
<td>88%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>100%</td>
<td>100%</td>
<td>98%</td>
<td>96%</td>
</tr>
</tbody>
</table>

The EPDS was found to be a useful screening instrument that can be used reliably by trained professionals. The interater reliability was very high (0.89).

The 9/10 cut-off point was recommended as it provides high sensitivity (100%) associated with a good positive predictive value (50%) which provides a good screening measure for community use. The Italian version is valid for identifying postnatal depression and will improve detection, assessment and treatment of women with high scores.
The Edinburgh Postnatal Depression Scale: validation for an Italian sample


SUMMARY OF VALIDATION STUDY

A cut-off point of 8/9 was considered to be optimal for screening a population of Italian women at eight to twelve weeks postpartum.

Study participants
One hundred and thirteen women were recruited from the Obstetric Clinic of the Florence University Hospital, Italy. The mean age of the women was 31.9 years. Eighty-six per cent (85.8%) of the women were married and an additional 11.5% were living in a de facto relationship. This was the first pregnancy for over half of the women (57%). Most of the women (79%) had a normal delivery.

Study design
Developed a translated and back-translated EPDS according to the five major criterion for cross-cultural equivalence in psychiatric research (content, semantic, criterion, technical and conceptual). The Italian-EPDS version was compared with the Italian version of the Mini International Neuropsychiatric Interview (MINI) to establish DSM-III-R criteria for mood and anxiety disorders.

Study findings

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 8/9</th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
<th>Cut off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>94%</td>
<td>83%</td>
<td>61%</td>
<td>56%</td>
</tr>
<tr>
<td>Specificity</td>
<td>87%</td>
<td>89%</td>
<td>95%</td>
<td>98%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>59%</td>
<td>60%</td>
<td>69%</td>
<td>83%</td>
</tr>
</tbody>
</table>

The EPDS had excellent internal validity using Cronbach’s alpha (0.79) and Guttman split half (0.82). A Receiver Operating Characteristic (ROC) analysis confirmed the effectiveness of the EPDS in detection of postnatal depression. The 8/9 cut-off point was recommended as it provides high sensitivity (94.4%) associated with a good positive predictive value (58.6%) which provides a good screening measure for community use.

The Italian-EPDS is valid for identifying postnatal depression to improve detection, assessment and treatment of women with high scores.
THE EDINBURGH POSTNATAL DEPRESSION SCALE  
(TRANSLATION – JAPANESE)

Full name: __________________________ Date: ________________

エジンバラ産後うつ病調査票

ご出産おめでとうございます。ご出産から今までの間にどのようにお感じになったかをお知らせください。今日だけでなく、過去7日間にあなたが感じられたことに最も近い答えにアンダーラインを引いて下さい。必ず10項目に答えてください。

例）幸せだと感じた。  いいえ、常にそうだった
       いいえ、何時でもそうだった
       いいえ、あまり度々ではなかった
       いいえ、全くそうではなかった

“いいえ、たいていそうだった”と答えた場合は、過去7日間のことをいいます。この様な方法で質問にお答えください。

【質問】

1. 笑うことができたし、物事のお金があわかった。
   いつもと同様にできた  あまりできなかった
   明らかにできなかった  全くできなかった

2. 物事を楽しみにして待った。
   いつもと同様にできた  あまりできなかった
   明らかにできなくて  ほとんどできなかった

3. 物事が悪くいった時、自分を不必要に責めた
   いいえ、たいていそうだった  いいえ、時々そうだった
   いいえ、あまり度々ではなかった  いいえ、そうではなかった
4. はっきりした理由もないのに不安になったり、心配した。

いいえ、そうではなかった
ほとんどそうではなかった
いい、時々あった
いい、ちょっと遅かった

5. はっきりした理由もないのに恐怖に襲われた。

はい、ちょっと遅かった
はい、時々あった
いいえ、めったになかった
いいえ、全くなかった

6. することがたくさんあって大変だった。

はい、たいてい対処できなかった
はい、いつものようにうまく対処しなかった
いいえ、たいていうまく対処しなかった
いいえ、普段通り対処した

7. 不幸せなので、眠りにくかった。

はい、ほとんどいつもそうだった
はい、ときどきそうだった
いいえ、あまり度々ではなかった
いいえ、全くなかった

8. 悲しくなったり、惨めになった。

はい、たいていそうだった
はい、かなりしばしばそうだった
いいえ、あまり度々ではなかった
いいえ、全くそうではなかった

9. 不幸せなので、泣けてきた。

はい、たいていそうだった
はい、かなりしばしばそうだった
ほんの時々あった
いいえ、全くそうではなかった

10. 自分自身を傷つけるという考えが浮かんできた。

はい、かなりしばしばそうだった
時々そうだった
めったになかった
全くなかった

The Edinburgh Postnatal Depression Scale
(Translation – Japanese)

The validity and reliability of the Japanese version of the EPDS has been researched but the results vary among these studies.

The recommended cut-off point is 8/9; however this should be used with caution.

A score of 9 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. Not all of the items are readily applicable to Japanese women because some Japanese women may express their depression behaviourally rather than emotionally.

2. A lower cut-off score is necessary to identify postnatal depression in Japanese women living outside Japan. (eg. UK or Australia). A valid and reliable cut-off point has not been established.

3. It was possible to identify, at five days postpartum, two-thirds of the Japanese women living in Japan who were later found to have depression at one and/or three months postpartum.

4. Please note: Associate Professor Tadaharu Okano has offered to provide web based consultation from Japan for Japanese women with depressive symptoms. PSI-JAPAN http://www.hac.mie-u.ac.jp/PSI_Japan/top.asp

Based on the information from four published validation studies comparing the Japanese translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety. Also included are the results of validation study based on information collected from the abstract only and results from a study written in Japanese.
Countries where Japanese is spoken:

- Japan

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Validation and reliability of the Japanese version of the EPDS


SUMMARY OF THE VALIDATION STUDY

A cut-off point of 8/9 was considered to be optimal for screening a population of Japanese women.

Study participants
One hundred and fifteen women attending Mie University Hospital in Japan were recruited into the study. The mean age of the women was 29.5 years (S.D. 4.9 years).

Study design
Developed the Japanese-EPDS version and compared this with the Schedule for Affective Disorders (SADS).

Study findings

<table>
<thead>
<tr>
<th></th>
<th>Cut off 7/8</th>
<th>Cut off 8/9</th>
<th>Cut off 9/10</th>
<th>Cut off 10/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>75%</td>
<td>75%</td>
<td>50%</td>
<td>50%</td>
</tr>
<tr>
<td>Specificity</td>
<td>91%</td>
<td>93%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>43%</td>
<td>50%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>98%</td>
<td>98%</td>
<td>96%</td>
<td>96%</td>
</tr>
</tbody>
</table>

The EPDS was shown to have good internal consistency (Cronbach's alpha, 0.78). Item 3 to 8 and 10 had correlations between 0.75 to 0.95, however items 1, 2 and 9 had lower correlations (0.6, 0.54 and 0.68 respectively). Both Pearson and Spearman statistics were excellent (0.92 and 0.90 respectively).

The study confirms that the Japanese version of the EPDS has good psychometric properties and is a valid and reliable screening tool.
Effectiveness of antenatal education about postnatal depression: a comparison of two groups of Japanese mothers


**SUMMARY OF THE STUDY**

This quasi-experimental study tested the effectiveness of the EPDS used at a cut-off of 8/9 at six and twelve weeks postpartum to identify postnatal depression in two population groups, women attending antenatal classes and women who did not attend these classes.

**Study participants**

Forty women with non-psychotic postnatal depression who consulted a psychiatrist at Mie University Hospital, Japan were divided into two groups. Group 1 included 18 women who attended antenatal classes at the hospital and Group 2 included 22 women who did not attend these classes. The mean age of the women was 25.4 years. Most of the women in both groups had a normal delivery (83% and 77% respectively) and for most of the women, it was their first baby (61% and 59%).

**Study design**

Used the Japanese-EPDS to test the hypothesis that antenatal education about postnatal depression improves maternal psychological health and reduces the likelihood of postnatal depression after delivery. The structured clinical interview was compared with Research Diagnostic Criteria (RDC) for DSM-III-R criteria for major and minor depression.

**Study findings**

There was a statistically significant difference in the mean EPDS score between attendees and non-attendees of the antenatal clinic. The EPDS was considered useful in the study to identify women with postnatal depression.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – JAPANESE)

Postnatal depression in Japanese women who have given birth in England

Postnatal depression in Japanese mothers and the reconsideration of ‘Satogaeri bunben’

Postnatal depression in Japanese women. Detecting the early onset of postnatal depression by closely monitoring the postpartum mood

Screening and intervention for depressive mothers of new-born infants


ABSTRACT ONLY


These studies use the same populations (Japanese women living in the United Kingdom and Japan) and validated the EPDS at varying times (at five days, one month and/or three months) postpartum.

This study uses a small and biased sample of Japanese women living in London and Japanese women living in Japan. Its findings are not generalisable to a wide population of Japanese women, however, some of the findings are of interest and could assist in the recognition of postnatal depression in Japanese women.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – JAPANESE)

A. SUMMARY OF VALIDATION STUDY (Yoshida et al, 1997)

The EPDS was used on Japanese women in the United Kingdom at one and three months postpartum. Based on the study, a cut-off of 4/5 provided the best specificity and sensitivity results.

Study participants
Ninety-eight women were recruited through advertising and antenatal classes in the Greater London area, ENGLAND. For the majority of the women (above 70%), it was their first pregnancy and over 75% of the women lived in close proximity to their mother.

Study design
Used the Japanese-EPDS version translated by Okano et al. (1996). The Japanese-EPDS version was compared with Research Diagnostic Criteria (RDC) generated by the Schedule for Affective Disorders and Schizophrenia (SADS) for DSM major and minor depression and the Life Event Scale (LES).

Study findings

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 4/5</th>
<th>Cut-off 6/7</th>
<th>Cut-off 8/9</th>
<th>Cut-off 10/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>50%</td>
<td>25%</td>
<td>13%</td>
</tr>
<tr>
<td>Specificity</td>
<td>52%</td>
<td>80%</td>
<td>96%</td>
<td>96%</td>
</tr>
</tbody>
</table>

There was no statistically significant difference in depression for age, parity, education level, duration of stay in the UK and proximity to the woman’s mother between depressed and non-depressed mothers.

The prevalence of postnatal depression in the sample at a cut-off point of 8/9 was 12%. Half of those women who were diagnosed with depression had major depression and the rest had with minor depression. Using the recommended cut-off of 8/9, only 25% of the depressed women were detected (sensitivity), however, the specificity was 96%.

The prevalence of postnatal depression (cut-off 8/9) peaked at one month postpartum with 67% being detected at this time.

Only 4 out of the 10 items on the EPDS accurately discriminated between depressed and non-depressed women. These were items 4, 5, 7 and 10 – these questions refer to anxious, scared, difficulty sleeping and self-harm thoughts.
The paper discussed that Japanese women tend to express emotional complaints by referring to physical problems or worries about their child rather than by expressing their feelings when they are depressed. It is important that health professionals who work with Japanese women are aware and alert to the expression of postnatal depression through the mother’s own physical symptoms or concerns about her baby. This has some similarities with the psychomotor retardation symptomatology reported in the French false negatives study of Guedeney et al, (2000)\textsuperscript{34}.

**B. SUMMARY OF VALIDATION STUDY** (Yoshida, 2001)

A cut-off point of 8/9 was considered to be the best for screening a population of Japanese women in JAPAN after one month postpartum.

A cut-off point of 4/5 was considered to be the best for screening a population of Japanese women in ENGLAND after one month postpartum.

**Study participants**
Eighty-eight women were recruited from the Kyushu University Hospital, Japan and 98 women were recruited from the United Kingdom. The mean age of the women in Japan was 32 years and 30 years in England. The majority of the women in England were primiparous (71%) with a lower proportion (41%) in Japan. Seven percent of the women in England had a previous history of mental illness compared to only 3% of the women in Japan.

**Study design**
Used the Japanese-EPDS (Okano et al., 1996). This Japanese-EPDS version was used at one month postpartum. The Japanese-EPDS version was compared with Research Diagnostic Criteria (RDC) generated by the Schedule for Affective Disorders and Schizophrenia (SADS) for depression at three weeks postpartum.

**Study findings**

<table>
<thead>
<tr>
<th>At one month postpartum</th>
<th>England Cut-off 4/5</th>
<th>England Cut-off 6/7</th>
<th>England Cut-off 8/9</th>
<th>Japan Cut-off 8/9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>50%</td>
<td>25%</td>
<td>82%</td>
</tr>
<tr>
<td>Specificity</td>
<td>52%</td>
<td>80%</td>
<td>96%</td>
<td>95%</td>
</tr>
</tbody>
</table>

The EPDS was found to be a useful screening instrument for the women in the Japanese group. The cut-off at 8/9 was recommended. There results were similar to those in the Okano et al (1996) validation study in Japan.
For Japanese women living in England, the EPDS did not reliably identify women with postnatal depression. A lower cut-off score was required, however, the sensitivity and specificity were still very low. It is difficult to identify a suitable cut-off point.

The prevalence of postnatal depression was found to be 12% in England and 17% in Japan.

There was no difference in the prevalence of postnatal depression of the women who, after delivery, had Satogaeri bunben (the traditional support system associated with childbirth) compared with women who did not have access to traditional support. This result suggests that there is no significant difference in the prevalence of postnatal depression between women who practice traditional postnatal support practices and those that do not.

C. SUMMARY OF VALIDATION STUDY (Yamashita, 2000)

A cut-off point of 8/9 was considered to be optimal for screening a population of Japanese women in JAPAN after one month postpartum.

Study participants
Eighty-eight women were recruited from the Kyushu University Hospital, Japan. The women had a mean age of 31 years. The majority of the women had a previous pregnancy (59%) and (67%) had Satogaeri bunben (the traditional support system) after delivery.

Study design
Used the Japanese-EPDS translated by Okano et al. (1996). This Japanese-EPDS version was used at five days postpartum in hospital, one month postpartum at the routine check-up and at three months postpartum by mail. The Japanese-EPDS version was compared with Maternity Blues Scales completed for the first five days postpartum and the Schedule for Affective Disorders and Schizophrenia (SADS) at three weeks and three months postpartum.

Study findings

<table>
<thead>
<tr>
<th>At one month postpartum</th>
<th>Cut-off 8/9</th>
<th>Cut-off 9/10</th>
<th>Cut-off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>82%</td>
<td>73%</td>
<td>55%</td>
</tr>
<tr>
<td>Specificity</td>
<td>95%</td>
<td>98%</td>
<td>98%</td>
</tr>
</tbody>
</table>

The prevalence of postnatal depression was found to be 14% at three weeks postpartum and 10.2% at three months postpartum. Overall, at anytime of the three month period, 17% of the women were diagnosed with depression.
The mean EPDS score for depressed mothers was significantly higher than the EPDS score of the non-depressed mothers. The depressed mothers had a mean EPDS score of 11.7 at 5 days postpartum, 11.3 at one month postpartum and 11 at three months postpartum, whereas, non-depressed mothers had lower mean EPDS scores (4.6, 4.0 and 3.3 respectively).

Eight of the 10 EPDS items accurately discriminated between depressed and non-depressed mothers. The two questions that were not accurate were 3 and 6, referring to self blame and not coping.

D. SUMMARY OF VALIDATION STUDY (Yamashita, 2003 - Abstract)

STUDY I – Hospital based prospective study

A cut-off point of 8/9 was considered to be optimal for screening a population of Japanese women at five days, one month and three months postpartum.

Study participants
Eighty-eight women were recruited from a maternity ward in a Kyushu University Hospital.

Study design
Used the Japanese-EPDS version translated by Okano et al. (1996). This Japanese-EPDS version was administered at five days, one month and three months postpartum. The Maternity Blues Scales was administered at five days postpartum. The Japanese-EPDS version was compared with Maternity Blues at five days postpartum and the Schedule for Affective Disorders and Schizophrenia (SADS) was used at three weeks and three months postpartum via telephone interviews.

Study findings

<table>
<thead>
<tr>
<th>At five days postpartum</th>
<th>Cut-off 8/9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>82%</td>
</tr>
<tr>
<td>Specificity</td>
<td>95%</td>
</tr>
</tbody>
</table>

Maternity blues was identified in 24% of the women and 14% were diagnosed as having depression. Ten of the 15 mothers who were found to have depression at three months postpartum had been identified with mood disorder within the first week postpartum using the EPDS and the Maternity Blues Scale. The scores on the Maternity Blues and EPDS were always significantly higher in depressed mothers compared with non-depressed mothers.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – JAPANESE)

STUDY II – Multicentre prospective study of early postpartum mood states.

A cut-off point of 8/9 was considered to be optimal for screening a population of Japanese women at five days and one month postpartum.

Study participants
Two hundred and twenty-six women were recruited from 14 obstetric wards, 20 from each ward, in teaching hospitals. Of the women in the study, 90% completed all the measures at all times.

Study design
Used the Japanese-EPDS version translated by Okano et al. (1996). This Japanese-EPDS and Maternity Blues Scales were administered at five days and one month postpartum.

Study findings
At five days postpartum, 35% of the women were depressed. By one month postpartum, the prevalence of postnatal depression was 20%. There was a significant correlation between the EPDS score at five days and one month postpartum.

Having maternity blues identified depression and an EPDS score above the cut-off point at five days postpartum was significantly related to high EPDS scores, above the cut-off point, at one month postpartum.

Symptoms of depression at five days postpartum were significantly related to a history of pregnancy loss, caesarean section delivery, maternal and neonatal complications and maternity blues. Depression at one month was related only to maternal complications.

The study found that it was possible to detect the onset of postnatal depression within the first week after delivery. The EPDS was found to be a simple and useful method of identifying women with postnatal depression.
Screening for postnatal depression: validation of the EPDS and intervention period in Japanese health care system


SUMMARY OF THE VALIDATION STUDY

A cut-off point of 13/14 was recommended however the sample size was small and the EPDS scores were not normally distributed. A population of Japanese women were screened at one and three months postpartum

Study participants
One hundred and eight women in Japan were recruited from 8 maternity units during the antenatal period. These women were receiving routine health care and were not requiring university clinic level specialist care. The mean age of the women was 30.4 years (S.D. 3.97 years). Most of the women had a normal delivery (89.4%) and for most of the women, it was their first baby (59.6%). Only 47 women attended the clinic assessment one month postpartum. Only 35 women were assessed at home three months postpartum.

Study design
Used the Japanese-EPDS translated by Okano et al. (1996). The Japanese-EPDS version was given at one month at the health clinic and three months at home by a health visitor. Following the health contacts when the EPDS tests were completed, a psychiatrist administered the Diagnostic Interview Schedule (SCID-I/NP) for DSM-IV diagnosis at about one to three months (5-14 weeks; n=47) postpartum and about six months (13-24 weeks; n=35) postpartum. The EPDS results were compared with the findings from the psychiatric assessments.

Study findings
The overall prevalence of postnatal depression was 9.6% six months after birth. At the first psychiatric interview (5-14 weeks postpartum), 4.3% of the women were found to have major/minor depression (2.15% major depression). At the second psychiatric interview (13-24 weeks postpartum), 5.3% of the women had major depression.

The overall prevalence for all mental health diagnoses was 15.9% six months after birth from these two psychiatric assessments.
The EPDS was shown to have good internal consistency (Cronbach’s alpha, 0.84 at one month and three months). Items 3 to 10 had correlations between 0.43 to 0.81, however, items 1 and 2 did not correlate at all.

The mean EPDS score of the women with depression (16.5 at one month and 11.5 at three months) was significantly higher than the mean score of non-depressed women (4.6 at one month and 3.6 at three months).

<table>
<thead>
<tr>
<th>One month postpartum</th>
<th>Cut off 8/9</th>
<th>Cut off 9/10</th>
<th>Cut off 12/13</th>
<th>Cut off 13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Specificity</td>
<td>88.9%</td>
<td>97.8%</td>
<td>97.8%</td>
<td>100%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>28.6%</td>
<td>66.7%</td>
<td>66.7%</td>
<td>100%</td>
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<tr>
<td>Negative Predictive Value</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>ROC</td>
<td></td>
<td></td>
<td>1.0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Three months postpartum</th>
<th>Cut off 8/9</th>
<th>Cut off 9/10</th>
<th>Cut off 12/13</th>
<th>Cut off 13/14</th>
</tr>
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<tbody>
<tr>
<td>Sensitivity</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
</tr>
<tr>
<td>Specificity</td>
<td>94.3%</td>
<td>94.3%</td>
<td>94.3%</td>
<td>97.1%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>33.3%</td>
<td>33.3%</td>
<td>33.3%</td>
<td>50%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>97.1%</td>
<td>97.1%</td>
<td>97.1%</td>
<td>97.1%</td>
</tr>
<tr>
<td>ROC</td>
<td></td>
<td></td>
<td>0.91</td>
<td></td>
</tr>
</tbody>
</table>

The sample sizes of the diagnostic assessments by the psychiatrists were small and the EPDS scores did not have a normal distribution. The sensitivity of all the cut-off points were low for the three month EPDS. The recommended cut-off of 13/14 may not be representative of the wider population. A lower cut-off may be more appropriate for screening.

The Japanese version of the EPDS was found to be a reliable screening tool.
SKALA DEPRESI POSTNATUM EDINBURGH
(TRANSLATION – MALAY)

Nama penuh: ___________________________ Tariikh: ______________

Bagaimana perasaan anda?
Oleh sebab anda baru bersalin, kami ingin bertanya bagaimana perasaan anda. Sila gariskan jawapan yang paling tepat untuk perasaan anda pada 7 hari terakhir, bukan sahaja perasaan anda hari ini. Berikut ini ialah contoh yang telah dijawab:

Saya berasa gembira:
Ya, kebanyakan masa
Ya, sebahagian masa
Tidak, tidak begitu gembira
Tidak, sama sekali

Ini akan bermakna: ‘Saya berasa gembira sebahagian masa selama minggu terakhir.’

Sila jawab soalan lain dengan cara yang sama.

Pada 7 hari terakhir

1. Saya dapat tertawa dan melihat hal secara lucu:
   Sama seperti biasa
   Agak tidak begitu sering sekarang
   Pasti tidak begitu sering
   Tidak sama sekali

2. Saya suka menantikan sesuatu berlaku:
   Sama seperti biasa
   Agak tidak begitu sering sekarang
   Pasti tidak begitu sering
   Jarang sekali

3. Saya menyalahkan diri sendiri apabila masalah timbul:
   Ya, kebanyakan masa
   Ya, sebahagian masa
   Tidak begitu sering
   Tidak, sama sekali

4. Saya resah dan bimbang tanpa sebab:
   Tidak, sama sekali
   Jarang sekali
   Ya, kadangkala
   Ya, sering sekali

(Sila jawab soalan 5-10 pada halaman sebelah)
5. Saya berasa takut atau panik tanpa sebab:
   - Ya, agak sering
   - Ya, kadangkala
   - Tidak begitu sering
   - Tidak, sama sekali

6. Saya berasa terdesak:
   - Ya, kebanyakan masa saya tidak dapat menghadapi keadaan sama sekali
   - Ya, adakalanya saya tidak menghadapi keadaan seperti biasa
   - Tidak, kebanyakan masa saya menghadapi keadaan dengan cukup baik
   - Tidak, saya menghadapi keadaan dengan sebaik mungkin

7. Saya begitu sedih sehingga susah tidur:
   - Ya, kebanyakan masa
   - Ya, agak sering
   - Tidak begitu sering
   - Tidak, sama sekali

8. Saya berasa sedih atau sengsara:
   - Ya, kebanyakan masa
   - Ya, agak sering
   - Tidak begitu sering
   - Tidak, sama sekali

9. Saya begitu sedih sehingga saya menangis:
   - Ya, kebanyakan masa
   - Ya, agak sering
   - Kadang-kadang sahaja
   - Tidak pernah

10. Saya terfikir ingin membahayakan diri sendiri:
    - Ya, agak sering
    - Kadangkala
    - Jarang sekali
    - Tidak pernah
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – MALAY)

The Malay version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 11/12

A score of 12 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. This study was conducted on a Malay population in Malaysia. It yielded excellent reliability and validity results and highly suitable for use with Malay women in Australia.

2. The Malay-EPDS version currently available is not the version that was used in the study and has not been validated.

Based on information from one published validation study comparing the Malay translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety.
Countries where Malay is spoken:

- Brunei
- Indonesia
- Malaysia
- Singapore
- Thailand

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Revalidation of the Malay version of the Edinburgh Postnatal Depression Scale (EPDS) among Malay postpartum women attending the Bakar Bata Health Center in Alor Setar, Kedah of North West of Peninsular Malaysia


**SUMMARY OF VALIDATION STUDY**

A cut-off point of 11/12 was considered to be optimal for screening a population of Malay speaking women at *four to twelve weeks postpartum*.

**Study participants**
Sixty four Malay women were recruited from the Bakar Bata Health Centre in Alor Setar, Kedah, Malaysia. The mean age of the Malay women was 28.7 years (S.D. 5.44 years). All of women were married and 98.4% of women had completed at least 9 years of education. Most women (70.3%) were housewives.

**Study design**
Used the Malay-EPDS version translated Rushidi et al., (2002)37. This Malay-EPDS version was compared with a translated Beck Depression Inventory II (BDI-II), Hamilton Depression Rating Scale (HDRS-17), and the Composite International Diagnostic Interview (CIDI) for ICD-10 diagnosis.

**Study findings**

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
</tr>
<tr>
<td>Specificity</td>
<td>98%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>90%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>100%</td>
</tr>
<tr>
<td>ROC Curve</td>
<td>99.8%</td>
</tr>
</tbody>
</table>

The mean EPDS score for depressed mothers was 13 with an inter-quartile range between 12.5 and 14. Non-depressed mothers had a significantly lower EPDS score, 4 with an inter-quartile range from 0 to 6 (*p*<0.01). The prevalence of postnatal depression was 14.1% including seven women with mild depression and two women with moderate depression.
The EPDS was highly correlated with the BDI (0.78) and the HDRS (0.88). It was shown to have good internal consistency (Cronbach alpha, 0.86) and reliability (split-half = 0.83).

The Malay version of EPDS was found to have very good psychometric properties in detecting depression among postpartum women. This study confirms the reliability and validity of the Malay version of the EPDS.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – MALTESE)

Full name: ______________________ Date: ____________________

Kwestjonarju Dwar l-Emozzjonijiet tieghek wara t-tqala

Kif qed thossok?

Jiena ħassejtni ferhana:
Iva, il-hin kollu
Iva, hafna drabi
Le, mhux ta’ spiss
Le, qatt

Din tkun tfisser li “jien ħassejtni ferhana hafna drabi” f’din l-ahhar ċimgħa.

Jekk joghgetc ok immarka r-risposti l-ohrajn bl-istess mod.

FL-AHHAR SEBAT IJIEM

1. Kont kapaċi nifraħ u nhares lejn is-sabiħ tal-hajja:
   Bhas-soltu
   Mhux daqs is-soltu
   Żgur li mhux bhas-soltu
   Żgur li le

2. Kien ikolli ċertu ħeggja ghal dak li nkun ser nagħmel:
   Bhas-soltu
   Akтарx inqas mis-soltu
   Żgur li inqas mis-soltu
   Ftit li xejn

3. Taqtort lili nnifsi ghal xejn b’xejn meta l-affarijiet marru ħazin:
   Kwazi dejjem
   Iva, kulltant
   Mhux ta’spiss
   Le, qatt

4. ħassejtni nervuża u nkwietata ghal xejn b’xejn:
   Le, lanqas xejn
   Rari hafna
   Iva, kulltant
   Iva, ta’ spiss
5. Hassejtni beżghana u qabadni paniku anke ghal xejn b’xejn
   Iva, hafna drabi
   Iva, kulltant
   Le, mhux ta’ spiss
   Le, qatt

6. Ma stajt inlahhaq ma xejn
   Iva, hafna drabi hassejtni li ma stajtx inlahhaq
   Iva, kulltant hassejtni li ma kontx kapači inlahhaq bhas-soltu
   Le, hafna drabi stajt nlahhaq
   Le, lahhaqt bhas-soltu

7. Tant hassejtni mdejqa li kont insibha bi tqila biex norqod
   Kważi dejjem
   Iva, kulltant
   Mhux ta’ spiss
   Le, qatt

8. Hassejtni mdejqa u niżerabbli
   Iva, kważi l-hin kollu
   Iva ta’ spiss
   Le, mhux ta’ spiss
   Le, qatt

9. Tant hassejtni mdejqa li kulltant kien itini l-biki
   Iva, kważi l-hin kollu
   Iva, ta’ spiss
   Xi kulltant
   Le, qatt

10. Kienu jiğuni xi ḥsibijiet li naghmel ḥsara lili nnifsi
    Iva, ta’ spiss
    Xi, kulltant
    Rari, hafna
    Qatt
The Maltese version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 11/12

A score of 12 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. The **recommended cut-off point is 13/14** when the Maltese version of the EPDS is used in the antenatal period.

2. The EPDS is a reliable and valid screening tool for depression in postpartum women during all trimesters in pregnancy and the first year postpartum.
Countries where Maltese is spoken:

- Malta

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Validation of the Maltese version of the Edinburgh Postnatal Depression Scale


SUMMARY OF VALIDATION STUDY

A cut-off point of 13/14 was considered to be optimal for screening a population of Maltese women at eighteen weeks gestation.

A cut-off point of 11/12 was considered to be optimal for screening a population of Maltese women at eight to ten weeks postpartum.

Study participants
Two hundred and twenty three women were recruited from St Luke’s Hospital in Malta during September 1996 and June 1997. Women were first interviewed during pregnancy at a mean gestational age of 18.6 weeks and followed up at between eight and ten weeks after delivery. The mean age of the women was 27.1 years. Nearly all of these women were married to or living with the father of the baby (93%) and 99% were practising Roman Catholics. Most of the women (78%) had completed secondary education and 22% had higher education. Almost a half of women (49.4%) were unemployed. Just over half of the women had had previous pregnancies (52%). These Maltese women reported a high level of support from their husband (60%) and their mother (89%).

Study design
A team consisting of a psychiatrist, midwife and teacher developed a translated EPDS which was back-translated by six bilingual mothers and an independent bilingual psychiatrist. Each EPDS item was translated and back-translated according to the five major criterion for cross-cultural equivalence (content, semantic, criterion, technical and conceptual) in psychiatric research. The Maltese and English versions were then piloted on twelve bilingual mothers who were receiving treatment for depression as an outpatient. The scale was found to have acceptable technical equivalence and no changes were made. The Maltese EPDS version was compared with the Revised Maltese Version of the Clinical Interview Schedule (CIS-R) to determine mild, moderate and severe depressive episodes and disorder and anxiety disorders according to ICD-10 diagnosis.
Study findings

<table>
<thead>
<tr>
<th>Antenatal depression</th>
<th>Cut-off 9/10</th>
<th>Cut-off 11/12</th>
<th>Cut-off 12/13</th>
<th>Cut-off 13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>90.6%</td>
<td>81.3%</td>
<td>78%</td>
<td>75%</td>
</tr>
<tr>
<td>Specificity</td>
<td>80.1%</td>
<td>87.4%</td>
<td>89.5%</td>
<td>95.8%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>43.3%</td>
<td>52%</td>
<td>55.6%</td>
<td>75%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>98.1%</td>
<td>96.5%</td>
<td>96.1%</td>
<td>95.8%</td>
</tr>
<tr>
<td>ROC</td>
<td></td>
<td></td>
<td></td>
<td>0.95</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Postnatal depression</th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
<th>Cut-off 11/12</th>
<th>Cut-off 12/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>83.3%</td>
<td>83.3%</td>
<td>83.3%</td>
<td>77.8%</td>
</tr>
<tr>
<td>Specificity</td>
<td>91.7%</td>
<td>95.1%</td>
<td>96.6%</td>
<td>98%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>46.8%</td>
<td>60%</td>
<td>68.2%</td>
<td>77.8%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>98.4%</td>
<td>98.5%</td>
<td>98.5%</td>
<td>98.8%</td>
</tr>
<tr>
<td>ROC</td>
<td></td>
<td></td>
<td></td>
<td>0.95</td>
</tr>
</tbody>
</table>

The EPDS at a cut-off of 13/14 and 11/12 correctly identified depressed and non-depressed women during and after pregnancy with a probability of 95%. This suggests excellent psychometric properties of the EPDS for screening for severe, moderate and mild depressive illness.

At the first antenatal assessment (18 weeks gestation), 7.6% of the women had mild, or moderate depression and a further 6.7% had severe depression. At the postnatal assessment (8 to 10 weeks postpartum), 6.7% of women were diagnosed as having mild or moderate depression and a further 1.3% had severe depression.

This study confirms that the EPDS is a valid clinical screening instrument for detecting antenatal and postnatal depression in Maltese women and provides the opportunity for midwives to emphasise the importance of the women's emotional state.
The Edinburgh Postnatal Depression Scale
(Translation – Norwegian)

Full name: ____________________________ Date: __________________

Hvordan føler du deg?
Siden du nettopp har født barn, ville vi gjerne vite hvordan du føler deg for tiden. Sett en strek under svaret som best beskriver hvordan du har følt deg i de siste 7 dagene og ikke bare hvordan du har hatt det i dag. Følgende er et eksempel som allerede er fullført:

Jeg har følt meg lykkelig:
  Ja, for det meste
  Ja, av og til
  Nei, ikke særlig
  Nei, ikke i det hele tatt

Dette tolkes som: ”Jeg har følt meg lykkelig av og til i den siste uken.” Vennligst fullfør svarene på de andre spørsmålene på same måte.

1. Har du siste 7 dager kunnet le og se det komiske i en situasjon?
   Like mye som vanlig
   Ikke riktig så mye som jeg pleier
   Klart mindre enn jeg pleier
   Ikke i det hele tatt

2. Har du siste 7 dager gledet deg til ting som skulle skje?
   Like mye som vanlig
   Noe mindre enn jeg pleier
   Klart mindre enn jeg pleier
   Nesten ikke i det hele tatt

3. Har du siste 7 dager bebreidet deg selv uten grunn når noe gikk galt?
   Ja, nesten hele tiden
   Ja, av og til
   Ikke særlig ofte
   Nei, aldri

4. Har du siste 7 dager vært nervøs eller bekymret uten grunn?
   Nei, slett ikke
   Nesten aldri
   Ja, iblant
   Ja, veldig ofte
5. Har du siste 7 dager vært redd eller fått panikk uten grunn?
   Ja, svært ofte
   Ja, noen ganger
   Sjelden
   Nei, aldri

6. Har du siste 7 dager følt at det har blitt for mye for deg?
   Ja, jeg har stort sett ikke fungert i det hele tatt
   Ja, iblant har jeg ikke klart å fungere som jeg pleier
   Nei, for det meste har jeg klart meg bra
   Nei, jeg har klart meg like bra som vanlig

7. Har du siste 7 dager vært så ulykkelig at du har hatt vanskeligheter med å sove?
   Ja, for det meste
   Ja, iblant
   Ikke særlig ofte
   Nei, ikke i det hele tatt

8. Har du siste 7 dager følt deg nedfor eller ulykkelig?
   Ja, det meste av tiden
   Ja, ganske ofte
   Ikke særlig ofte
   Nei, ikke i det hele tatt

9. Har du siste 7 dager vært så ulykkelig at du har grått?
   Ja, nesten hele tiden
   Ja, veldig ofte
   Ja, det har skjedd iblant
   Nei, aldri

10. Har tanken på å skade deg selv streifet deg, de siste 7 dagene?
    Ja, nokså ofte
    Ja, av og til
    Ja, så vidt
    Aldri
The Norwegian version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. The EPDS is a reliable and valid screening tool for depression in postpartum women during all trimesters in pregnancy and the first year postpartum.

2. Items 5, 6, 8 and 10 were changed in the Norwegian-EPDS to be conceptually and linguistically equivalent to the English-EPDS.

3. The Norwegian-EPDS was used in a prevalence study during the first, second and third trimester and the first four months, five to eight, nine to twelve and over twelve months postpartum. At all of these times the prevalence was at a similar level.

Based on the information from two published validation studies comparing the Norwegian translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety.
Countries where Norwegian is spoken:

- Norway

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – NORWEGIAN)

The Edinburgh Postnatal Depression Scale: validation in a Norwegian community sample


SUMMARY OF VALIDATION STUDY

A cut-off point of 9/10 was considered to be optimal for screening a population of Norwegian women at six and ten weeks postpartum.

Study participants
Three hundred and ten women were recruited from two community child health centres in Nes and Sorum, Norway. Fifty-seven women were then selected for an interview study at 10 weeks postpartum. All women who failed the EPDS at six weeks (n=26) and a further 31 women who did not fail the EPDS were invited to participate. The mean age of the women at six weeks was 30 years. Nearly all of these women were married to or living with the father of the baby (98%) and 79% had a normal delivery. Just over half of the women had had previous pregnancies (56%).

Study design
The primary author translated the EPDS into Norwegian. This version was back-translated by an authorised English translator then compared with the English version. Four items were modified using words and phrases that were conceptually and linguistically equivalent to the original. The questions changed were 5, 6, 8 and 10. The Norwegian EPDS version was compared with Montgomery – Asberg Depression Rating Scale (MADRS), Hopkins Symptom Check List (SCL-25) and Primary Care Evaluation of Mental Disorders (PRIME-MD) for DSM diagnosis of major and minor depression.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – NORWEGIAN)

Study findings

<table>
<thead>
<tr>
<th></th>
<th>Major depression</th>
<th>Major and minor depression</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cut off 9/10</td>
<td>Cut off 10/11</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>67%</td>
</tr>
<tr>
<td>Specificity</td>
<td>87%</td>
<td>92%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cut off 9/10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>67%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>97%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cut off 10/11</td>
</tr>
<tr>
<td></td>
<td></td>
<td>48%</td>
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<td></td>
<td></td>
<td>100%</td>
</tr>
</tbody>
</table>

A statistically significant difference was found in depressed and non-depressed women. At six weeks postpartum, the prevalence of postnatal depression was 8.4% (26 women). At 10 weeks postpartum, 27% of the women (13 chronic cases and 2 new cases) were found to be depressed using EPDS.

The EPDS had excellent internal validity using Cronbach's alpha (0.81) at six weeks and at ten weeks (0.74). The interrater reliability was very good with all raters being able to diagnose all women with major depression.

The EPDS had excellent convergent validity with all other measures used in the study. The Pearson’s correlation coefficient for the self-rating measure (SCL-25) was 0.78 and the observer rating measure (MADRS) was 0.8.

This study confirms that the EPDS is a valid clinical screening instrument for detecting postnatal depression in Norwegian women.
Screening for postnatal depression: Validation of the Norwegian version of the Edinburgh Postnatal Depression Scale, and assessment of risk factors for postnatal depression


SUMMARY OF VALIDATION STUDY

A cut-off point of 7/8 was considered to be optimal for screening a population of Norwegian women at six and twelve weeks postpartum to detect all cases of major and minor depression.

A cut-off point of 10/11 was considered to be optimal for detecting major depression in a population of Norwegian women at six and twelve weeks postpartum.

Study participants
Four hundred and eleven women attending routine postnatal visits between six and twelve weeks postpartum were recruited and screened with the EPDS at six and twelve weeks postpartum. One hundred women were then selected for an interview study by the following process. The women selected were those who failed the EPDS at six weeks (cut off 7/8) and one in 10 women who did not fail the EPDS were invited to participate.

Study design
Used the Norwegian-EPDS version translated by Eberhard-Gran (2001) and compared with the Beck Depression Inventory (BDI), Hospital Anxiety and Depression Rating Scale (HADS), Mini International Neuropsychiatric Interview (MINI-V4.4) for DSM-IV diagnoses and Montgomery Asberg Depression Rating Scale (MADRS).

Study findings

<table>
<thead>
<tr>
<th>Major depression</th>
<th>Cut off 7/8</th>
<th>Cut off 9/10</th>
<th>Cut off 10/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>96%</td>
<td>96%</td>
</tr>
<tr>
<td>Specificity</td>
<td>29%</td>
<td>62%</td>
<td>75%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>34%</td>
<td>48%</td>
<td>59%</td>
</tr>
</tbody>
</table>
The Edinburgh Postnatal Depression Scale (Translation – Norwegian)

<table>
<thead>
<tr>
<th>Major and minor depression</th>
<th>Cut off 7/8</th>
<th>Cut off 9/10</th>
<th>Cut off 10/11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>90%</td>
<td>83%</td>
</tr>
<tr>
<td>Specificity</td>
<td>36%</td>
<td>71%</td>
<td>83%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>52%</td>
<td>69%</td>
<td>77%</td>
</tr>
</tbody>
</table>

For major and minor depression a 9/10 cut-off also gives satisfactory results.

The prevalence of major depression was 6.6% (27 women) and 3.3% (14 women) were diagnosed with minor depression.

The EPDS had excellent internal validity using Cronbach’s alpha (0.87) with Items 1 to 9 correlating between 0.55 and 0.72. The interrater reliability was also very good with rater correlations between 0.78 and 0.84.

The EPDS had good convergent validity with all other measures used in the study. The Pearson’s correlation coefficient for the self-rating measure (HADS sum score) was 0.57 and the observer rating measure (MADRS sum score) was 0.79. The EPDS correlated higher with the clinical diagnosis on the MADRS than with both HADS and BDI.

Only one factor was extracted during Principal Component Analysis. This factor, which was depression, accounted for 46.6% of the variance.

It was recommended that women who are more susceptible to depression, such as those with previous depression, depression in the current pregnancy and a positive family history of affective disorder, current somatic illness and multipara should be targeted for EPDS screening.

This study confirms that the EPDS is a valid clinical screening instrument for detecting postnatal depression in Norwegian women.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – NORWEGIAN)

Depression during pregnancy and after delivery: A repeated measurement study


SUMMARY OF STUDY

A cut-off point of 9/10 was considered to be optimal for screening a population of Norwegian women during the first, second and third trimester and the first four months, five to eight, nine to twelve and over twelve months postpartum.

Study participants
Four hundred and sixteen women were recruited from community child health centres in Nes and Sorum, Norway in the first four postpartum months. Of these women, 259 were screened during pregnancy and in the first year postpartum. Fifty-six women were then selected for an interview study at 10 weeks postpartum. The mean age of the women at six weeks was 30 years. Nearly all of these women were married to or living with the father of the baby (98%) and just over half of the women had had previous pregnancies (58%).

Study design
Used the Norwegian-EPDS version developed by the authors in 2001. The version was compared with the Hopkins Symptom Check List (SCL-25). The researchers also recorded the presence of risk factors of each of the collection periods.

Study findings
Using a cut-off of 9/10, the prevalence of postnatal depression at four months postpartum was 8.9%. This prevalence in the first 4 months was not significantly different from the prevalence of depression at the other times (first, second and third trimester and five to eight, nine to twelve and over twelve months postpartum).

Prior depression, a high score on the life events scale, and poor partner relationships were significantly associated with depression. The absence of an increased risk for depression in the first 4 months postpartum as compared with the other time periods, remained after controlling for the known risk factors of depression (which were varied at the different time periods).
The study found that the EPDS was a useful screening tool for detecting depression during pregnancy and in the first year postpartum and the prevalence of depression is similar throughout the whole period.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – PORTUGUESE)

Full name: __________________________ Date: __________________

Como teve recentemente um bebé, gostaríamos de saber como se sente. Por favor, sublinhe a resposta que melhor indique o modo como se sente desde há 7 dias e não apenas hoje.

Aqui está um exemplo:

Senti-me feliz:
Sim, sempre
Sim, quase sempre
Não, poucas vezes
Não, nunca

Isto quereria dizer: “Senti-me feliz quase sempre durante os últimos sete dias”. Por favor, complete as outras questões do mesmo modo.

DESDE HÁ 7 DIAS

1. Tenho sido capaz de me rir e ver o lado divertido das coisas
   Tanto como dantes
   Menos do que antes
   Muito menos do que antes
   Nunca

2. Tenho tido esperança no futuro
   Tanta como sempre tive
   Bastante menos do que costumava ter
   Muito menos do que costumava ter
   Quase nenhuma

3. Tenho-me culpado sem necessidade quando as coisas correm mal
   Sim, a maioria das vezes
   Sim, algumas vezes
   Raramente
   Não, nunca

4. Tenho estado ansiosa ou preocupada sem motivo
   Não, nunca
   Quase nunca
   Sim, por vezes
   Sim, muitas vezes
5. Tenho-me sentido com medo, ou muito assustada, sem grande motivo
   Sim, muitas vezes
   Sim, por vezes
   Não, raramente
   Não, nunca

6. Tenho sentido que são coisas demais para mim
   Sim, a maioria das vezes não tenho conseguido resolvê-las
   Sim, por vezes não tenho conseguido resolvê-las como dantes
   Não, a maioria das vezes resolvo-as facilmente
   Não, resolvo-as tão bem como dantes

7. Tenho-me sentido tão infeliz que durmo mal
   Sim, quase sempre
   Sim, por vezes
   Raramente
   Não, nunca

8. Tenho-me sentido triste ou muito infeliz
   Sim, quase sempre
   Sim, muitas vezes
   Raramente
   Não, nunca

9. Tenho-me sentido tão infeliz que choro
   Sim, quase sempre
   Sim, muitas vezes
   Sofá às vezes
   Não, nunca

10. Tive ideias de fazer mal a mim mesma
    Sim, muitas vezes
    Por vezes
    Muito raramente
    Nunca
THE EDINBURGH POSTNATAL DEPRESSION SCALE (TRANSLATION – PORTUGUESE)

The Portuguese version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. Areias et al (1996) confirmed the validity and reliability of the Portuguese-EPDS by screening at six months gestation and three and twelve months postpartum. Separate analysis was not provided for these different screening times therefore the cut-off point for the antenatal period was not obtained. In the absence of any other information, the recommended cut-off point for pregnant Portuguese-speaking women is 9/10, however results should be interpreted with care.

2. Areias et al (1996) found that the results for men did not provide accurate reliability and validity statistics, however the results do provide guidance as to the onset of depression (4-12 months after the birth of the baby). Even this result from the study should be interpreted with care as the study only sampled a very small number of men.

3. Da-Silva et al (1998) used only clinical impressions for their comparative gold standard measure and a small sample. These results are less reliable.

Based on the information from two published validation studies comparing the Portuguese translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety.
Countries where Portuguese is spoken:

- Angola
- Brazil
- Macau
- Mozambique
- Portugal

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Comparative incidence of depression in women and men, during pregnancy and after childbirth: Validation of the Edinburgh Postnatal Depression Scale in Portuguese mothers.


**SUMMARY OF VALIDATION STUDY**

A cut-off point of 9/10 was considered to be optimal for screening a population of Portuguese women at three months and 12 months postpartum.

**Study participants**

Fifty-four women and 42 male partners were recruited from Oporto, Portugal no later than 24 weeks antenatally and screened with the EPDS at six months antenatally and 12 months postpartum. A sub-sample of 12 men and 24 women were also screened at three months postpartum. The mean age of the women was 25 years with a range of 17 to 38 years. The mean age of the men was 26.2 years with a range of 20 to 37 years. All the women were having their first babies. The majority of men (93%) and women (72%) were employed. A large proportion of the women had had a history of depression (46%) compared with only 21% of males. A further 8% of women and 12% of men had a co-morbid secondary diagnosis such as general anxiety disorder, panic disorder, alcoholism and/or drug dependence.

**Study design**

The authors translated the EPDS into Portuguese and back-translated into English to compare to the original. The Portuguese-EPDS version was compared with Research Diagnostic Criteria (RDC) generated by the Schedule for Affective Disorders and Schizophrenia (SADS) for DSM diagnoses (major, minor or intermittent depressive disorders).

**Study findings**

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 7/8</th>
<th>Cut off 8/9</th>
<th>Cut off 9/10</th>
<th>Cut off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Women</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sensitivity</td>
<td>79%</td>
<td>71%</td>
<td>65%</td>
<td>35%</td>
</tr>
<tr>
<td>Specificity</td>
<td>83%</td>
<td>89%</td>
<td>96%</td>
<td>96%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>71%</td>
<td>79%</td>
<td>91%</td>
<td>92%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>88%</td>
<td>84%</td>
<td>82%</td>
<td>72%</td>
</tr>
</tbody>
</table>
The Edinburgh Postnatal Depression Scale
(Translation – Portuguese)

<table>
<thead>
<tr>
<th>Men</th>
<th>Cut off 7/8</th>
<th>Cut off 8/9</th>
<th>Cut off 9/10</th>
<th>Cut off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>40%</td>
<td>40%</td>
<td>40%</td>
<td>20%</td>
</tr>
<tr>
<td>Specificity</td>
<td>93%</td>
<td>81%</td>
<td>81%</td>
<td>92%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>67%</td>
<td>36%</td>
<td>36%</td>
<td>40%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>82%</td>
<td>83%</td>
<td>83%</td>
<td>80%</td>
</tr>
</tbody>
</table>

These results reflect combined scores from all three data collection times. This is a potential limitation of the study. The study recognises that men do not tend to experience depression until after four months postpartum and these sensitivity and specificity statistics may not be a true reflection of the reliability and validity of the EPDS at the three specific points in time.

There was a statistically significant difference in cumulative incidence of depression at 0-3 months postpartum between men and women. Women were more likely to be depressed and this depression was more likely to become chronic.

At six months gestation, the incidence of depression was 16.6%. At 3 months postpartum, 31.4% of the women (9% chronic cases) were found to be depressed using EPDS. At 12 months postpartum, 37% of women (14.8% chronic cases) were found to be depressed.

The study confirmed that mothers were significantly more likely to be clinically depressed than fathers. Postpartum fathers were more likely to be depressed following the occurrence of similar episodes in their partners.

The study points to early postpartum onset of depressive disorders for women (before three months) and a later onset depression for their male partners during the four to twelve months postpartum period.

This study confirms that the EPDS is a valid clinical screening instrument for detecting antenatal and postnatal depression in Portuguese women but not in their male partners.
Prenatal and postnatal depression among low income Brazilian women


**SUMMARY OF VALIDATION STUDY**

A cut-off point of 12/13 was used for screening a population of Portuguese women at the second and third trimester antenatally and monthly for the first six months postpartum.

**Study participants**

Thirty-three women were recruited from Anaia, Sao Goncalo, - a very poor area of Brazil, 50km from Rio de Janeiro. The mean age of the women was 21.45 years. The majority of women who were not depressed reported positive partner support (75%) compared to only 44% of depressed women. Just over half (57%) of the depressed women were black, whereas only 8.3% of non-depressed women were black. Women with low partner support and those women of black race were statistically more likely to experience depression.

**Study design**

Developed a translated Portuguese-EPDS by the authors which was piloted on 20 bilingual volunteers, Portuguese and English-speaking. There was no difference between individual scores when tested on both versions of the EPDS. A control group of 20 Portuguese speaking volunteers were tested and re-tested using the Portuguese version and there were no significant differences with the scores at both times. At each contact (maximum 8), clinical impressions regarding the woman's mood against ICD-10 were made and documented by medical and nursing students, supervised by a psychiatrist. These results were compared with the Portuguese EPDS score, at a cut-off of 12/13, that was administered at the same time.

**Study findings**

Seventeen women (7.8% of the sample) were diagnosed with depression using the EPDS, however, for these women the diagnosis was not supported by the clinical assessment. A further seven women (3.2% of the sample) were clinically assessed as being depressed, however they were not detected by the EPDS.
The Edinburgh Postnatal Depression Scale
(Translation – Portuguese)

The specificity and sensitivity using the cut-off of 12/13 was 73% and 90.5% respectively.

Over a third (37.9%) of the women were depressed in the third trimester of pregnancy, however only 9.5% of these women had postnatal depression. Conversely, a third of the women who experienced postnatal depression did not have depression during pregnancy. Depression during the third trimester was not predictive of postnatal depression.

Nearly half of the mothers (42.8%) had at least one depressive episode during the six postpartum months and 16.7% had repeatedly high EPDS scores across all visits.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – PUNJABI)

Full name: ___________________________ Date: ______________

Tuseen Kis taran maehsoos karde ho?
Kujh din pahilan tuhada bachha paeda hoiaa cee aatae asseen eh jananna chahudae han ke tuseen kis
taran maehsoos karde ho. Pishlae ik haphtae ton jis taran vee tuseen maehsoos kita cee oos barae mehar-
bani karke dhhuckveen khanae hethan nishan laoo.

Eh ik aapdea layee poora namoona tiar kita hoia hae (e.g.)

Maen khush rahee cee :
   Bahut vaar
   Kayee vaar
   Bahut vaar nahin
   Bil-kul nahin

Eisdaa matlab hai ki : Maen pishlae haphtae Kayee vaar khush rahee cee .

Baaki sawalaan noon vee eise taran mehar-bani karke poora karo.

Pishlae sat dina vich

1. Meree hasnae khadnae dee isha cee:
   Pehilan jinee hee
   Agae nalon ghat
   Kadae kadae
   Bil-kul nahin

2. Maen dilhon khushee nal cam karna chohundee cee:
   Peilan wang hee
   Agae nalon kujh ghat
   Bil-kul agae nalon ghat
   Kadae vee nahin

3. Jad koi gal vigad jandi cee taan maen aapnae aap noon kasoorvaar samajh-dee cee:
   Bahut var
   Kayee var
   Bahut var nahin
   Bil-kul nahin

4. Maen bina kisae khas karan hee chinta phikar kardee cee:
   Kadae vee nahin
   Bahut hee ghat
   Kadae kadae
   Bahut var
5. Maen bina kisae khas karaan hee dar atae ghabrachat mahaesoos kardiee cee:
   *Bahut var*
   *Kadee kadae*
   *Bahut var nahin*
   *Bil-kul nahin*

6. Maen innee udas cee ke maen kisae tarah de tangee jan fikar valee gal sahar nahin sakdee cee:
   *Bahut var*
   *Kayee var*
   *Bahut var nahin*
   *Bil-kul nahin*

7. Maenu dukha karke neend nahin aundee cee:
   *Bahut var*
   *Kadae kadae*
   *Bahut var nahin*
   *Bil-kul nahin*

8. Maen udas rahindee cee:
   *Bahut var*
   *Kadae kadae*
   *Bahut var nahin*
   *Bil-kul nahin*

9. Maen innee udas cee kae maen kondee rahindee cee:
   *Bahut var*
   *Kayee var*
   *Kadae kadae*
   *Bil-kul nahin*

10. Mera dil karda cee kae maen aapnae aap noon nuksaan kar lavan:
    *Bahut var*
    *Kadae kadae*
    *Bahut var nahin*
    *Bil-kul nahin*
The Edinburgh Postnatal Depression Scale
(Translation – Punjabi)

The Punjabi version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. Item 2 and 6 are meaningless in Punjabi and despite the closest semantic equivalent being used these items did not correlate to the English-EPDS items.

2. Please note that within the Punjabi-speaking community, a suggestion or diagnosis of depression within a family may reduce the family status in the community and can have long-term negative consequences. To avoid stigmatism, this EPDS version should be administered in terms of wellness and not depression.

3. Mothers should have the opportunity to complete the EPDS in a confidential manner. It is not recommended that a third party, such as the mother-in-law, is present and aware of the mother’s responses in the EPDS.

4. For the main study, the EPDS results were not compared with a gold standard for diagnosing depression.

5. Two versions of the Punjabi EPDS translation are available. One has Romanised words and the other is in Punjabi script. The Romanised version is helpful to those who understand Punjabi but cannot read Punjabi script.

Based on the information from one published validation study comparing the Punjabi translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety.
Countries where Punjabi is spoken:

- India
- Pakistan

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Developing the use of the EPDS in Punjabi-speaking community


**SUMMARY OF THE STUDY**

This study was aimed at developing and evaluating the Punjabi-EPDS by comparing scores of bi-lingual women on both the English and Punjabi-EPDS. This Punjabi-EPDS was then used in the validation study by Clifford *et al*, (1999).

**Study participants**

The Punjabi-EPDS was developed by a project team that consisted of English health professionals and Punjabi-speaking people of mixed ages and mixed Punjabi literacy and language skills in Wolverhampton, United Kingdom. Fifteen (15) bi-lingual mothers were used to pilot the Punjabi-EPDS.

**Study design**

Developed a translated EPDS by the project team and back-translated. Each EPDS item was translated and back-translated according to the five major criterion for cross-cultural equivalence in psychiatric research (content, semantic, criterion, technical and conceptual). Some English expressions were meaningless when translated into Punjabi. In these cases, the closest content and semantic equivalent was chosen. For example, Question 1 “I can laugh and see the funny side of things” was changed to “I feel that I can laugh and play”.

A first draft was given to six project members to back-translate. The project team recommended further minor alterations.

**Study findings**

The majority of bi-lingual participants had similar scores on both sets of scales. The correlation between English and Punjabi-EPDS scores was 0.944 ($p<0.01$). This high level of correlation shows that the Punjabi version of the EPDS scale was “as near as possible” to the English scale in terms of content and semantic equivalence.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – PUNJABI)

A cross-cultural analysis of the use of the Edinburgh Postnatal Depression Scale (EPDS) in health visiting practice


SUMMARY OF VALIDATION STUDY

A cut-off point of 9/10 was considered to be optimal for screening a population of Punjabi-speaking women at six to eight weeks and 16 to 18 weeks postpartum.

Study participants
Ninety-eight women were recruited from two electoral wards in Wolverhampton, United Kingdom. All women were screened with the EPDS at six to eight weeks postpartum. Only 52 women agreed to be screened at time 2 (16-18 weeks postpartum). Of the 52 women screened at 16-18 weeks postpartum, 15 were selected for mental health assessment interviews.

Study design
Used the Punjabi-EPDS translated by Clifford et al. (1997). The Punjabi-EPDS version was compared with a mental health assessment interview used in community clinics. Using Spearman’s correlation, an item by item analysis of the participants’ responses for the English and Punjabi scales was calculated at six to eight weeks postpartum and 16-18 weeks postpartum.

Study findings
The Spearman’s item by item correlation analysis identified Item 2 and 6 (“enjoyment” and “things getting on top of me”) as having possible alternative meanings to the original English items as they did not correlate well.

The prevalence of depression at six to eight weeks postpartum was 11.6% using a cut-off of 11/12. One-third (33%) of these women had chronic depression and scored 12 or above at 16 to 18 weeks postpartum.
Based on a small sample of the study participants (n=15), the Punjabi-EPDS was better at identifying perinatal mental health difficulties compared with the English-EPDS. The Punjabi-EPDS version, at a cut-off of 11/12, identified 67% of women with depression. The English-EPDS version only identified 57% of women. The Punjabi-EPDS version also had more reliable results when scored by multiple raters (Punjabi inter-rater reliability 0.70 compared with 0.57 for English-EPDS).

The sensitivity and specificity of both the Punjabi-EPDS and the English-EPDS were 80% at a cut-off of 11/12 when compared with the mental health assessment. At both times, the Punjabi and English EPDS scores were similar with correlations of 0.80 at 6 to 8 weeks and 0.73 at 16 to 18 weeks.

In this Sikh community, the concept of depression had no literal translation apart from psychotic illness or good/positive mental health. In addition, it was noted that a label of postnatal depression may have implications for the mother, her children and the extended family as it may reduce the family status in the community and marriage prospects of the daughters. Also, consideration is needed to develop strategies that provide the mother with an opportunity to complete the EPDS in a confidential manner. It is not recommended (by Cox et al) that a third party, such as the mother-in-law, is present and aware of the mother’s responses in the EPDS.

This study confirms that the EPDS is a valid screening instrument for detecting postnatal depression in Punjabi women. The recommended cut-off of 9/10 was recommended for first stage community screening so that all women with depression would be identified.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
TRANSLATION – SOUTH AFRICA - ENGLISH

Full name: ___________________________ Date: __________________

As you have recently had a baby, we would like to know how you are feeling now. Please underline the answer that comes closest to how you feel. **Please choose an answer that comes closest to how you have felt in the past seven days, not just how you feel today.**

For example, I have felt happy:
- Yes, all the time
- Yes, most of the time
- No, not very much
- No, not at all

This would mean: ‘I have felt happy most of the time during the past week.’

**In the past seven days:**

1. I have been able to see the funny side of things:
   - As much as I always could
   - Not quite so much now
   - Definitely not so much now
   - Not at all

2. I have looked forward with enjoyment to things:
   - As much as I ever did
   - A little less than I used to
   - Much less than I used to
   - Hardly at all

3. I have blamed myself unnecessarily when things went wrong:
   - Yes, most of the time
   - Yes, some of the time
   - Not very much
   - No, never

4. I have been worried for no good reason:
   - No, not at all
   - Hardly ever
   - Yes, sometimes
   - Yes, very much

(Please answer questions 5-10 on the back of this page)
5. I have felt scared or panicky for no very good reason:
   Yes, quite a lot
   Yes, sometimes
   No, not much
   No, not at all

6. Things have been getting on top of me:
   Yes, most of the time I haven’t been managing at all
   Yes, sometimes I haven’t been managing as well as usual
   No, most of the time I have managed quite well
   No, I have been managing as well as ever

7. I have been so unhappy that I have had difficulty sleeping (not because of the baby):
   Yes, most of the time
   Yes, sometimes
   Not very much
   No, not at all

8. I have felt sad and miserable:
   Yes, most of the time
   Yes, quite a lot
   Not very much
   No, not at all

9. I have been so unhappy that I have been crying:
   Yes, most of the time
   Yes, quite a lot
   Only sometimes
   No, never

10. The thought of harming myself has occurred to me:
    Yes, quite a lot
    Sometimes
    Hardly ever
    Never
The South African – English version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 11/12

A score of 12 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. The following items were modified:
   - ‘rather less than I used to’ and ‘definitely less than I use to’ CHANGED TO ‘a little less than I used to’ and ‘much less than I used to’
   - ‘very often’, ‘quite often’ and ‘not very often’ CHANGED TO ‘very much’, ‘quite a lot’ and ‘not very much’
   - Item 4 ‘anxious’ CHANGED TO ‘worried’
   - Item 6 ‘cope’ CHANGED TO ‘manage’
   - Item 7 ‘not due to the baby’ ADDED
   - Item 10 ‘occasionally’ CHANGED TO ‘sometimes’

2. Guidelines for use
   - The verbal EPDS should be read to the woman in the privacy of a consulting room.
   - It may be read by health workers not specifically trained in mental health.
   - If the woman’s English is poor, the appropriate language translator should translate the questionnaire.
   - Responses are scored in the same way as the original EPDS i.e. 0, 1, 2, and 3 according to increased severity of the symptom.
   - If a woman scores 12 or more, a reliable clinical assessment is required.

3. The women sampled in the study were from a biased population. They had a number of risk factors including low income, socially disadvantaged and obstetric complications.

Based on the information from one published validation studies comparing the South African - English translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety.
Countries where Afrikaans, Zulu, Tswana, Sotho and Xhosa are spoken:

- Mainly in South Africa
- Australia
- Belgium
- Botswana
- Botswana
- Canada
- Ciskei
- Eastern Cape Province
- Germany
- Lesotho
- Malawi
- Mozambique
- Namibia
- Natal (northern)
- Netherlands
- New Zealand
- Orange Free State
- Swaziland
- Transkei
- United Kingdom
- USA
- Zambia
- Zimbabwe
- Zululand

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Validation of the Edinburgh Postnatal Depression Scale on a cohort of South African women


SUMMARY OF VALIDATION STUDY

A cut-off point of 11/12 was considered to be optimal for screening a population of South African women between six and eighteen weeks postpartum.

Study participants
One hundred and three women recruited from the postnatal clinic at Coronation Hospital in Johannesburg, South Africa at six weeks postpartum. Only women who have experienced obstetric complications or are having postpartum sterilisation operations attend the clinic at six weeks postpartum. The mean age for the women was 28.1 years and the mean parity was 2.2. Over half of the women (69.6%) were married or cohabiting and a large number (88.2%) had a caesarean section delivery. All of the women were living in a low income, socially disadvantaged urban community. The majority of women did not finish secondary school (75.4%). Seven women (6.8%) had a history of depression.

Study design
Developed a translated South African - English EPDS version by the authors. Pilot interviews were conducted and minor changes were made to the wording of the scale without altering the meaning. The EPDS was read in English to all the women due to the prevalence of illiteracy. If necessary, one of two multilingual nurses, experienced in translation, would translate the questions ad hoc. The majority of women spoke Afrikaans (29.4%) or Zulu (20.6%). The South African - English EPDS version was compared with the Montgomery Asberg Depression Rating Scale (MADRS) and the Structured Clinical Interview (SCID) for DSM-IV diagnosis. The women were assessed over a 3 month period commencing at the 6 week postpartum recruitment.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – SOUTH AFRICAN - ENGLISH)

Study findings

<table>
<thead>
<tr>
<th>Language</th>
<th>No. of women</th>
<th>Frequency of language spoken</th>
<th>Translation Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afrikaans</td>
<td>30</td>
<td>29.4%</td>
<td>33.3%</td>
</tr>
<tr>
<td>Zulu</td>
<td>21</td>
<td>20.6%</td>
<td>47.6%</td>
</tr>
<tr>
<td>Tswana</td>
<td>19</td>
<td>18.6%</td>
<td>21.1%</td>
</tr>
<tr>
<td>English</td>
<td>14</td>
<td>13.7%</td>
<td>0%</td>
</tr>
<tr>
<td>Sotho</td>
<td>8</td>
<td>7.8%</td>
<td>50%</td>
</tr>
<tr>
<td>Xhosa</td>
<td>4</td>
<td>3.9%</td>
<td>50%</td>
</tr>
<tr>
<td>Other</td>
<td>6</td>
<td>5.9%</td>
<td>33.3%</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>102</td>
<td></td>
<td>32 women</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 8/9</th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
<th>Cut-off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Specificity</td>
<td>43.6%</td>
<td>51.1%</td>
<td>58.5%</td>
<td>68.1%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>13.1%</td>
<td>14.8%</td>
<td>17%</td>
<td>21.1%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 8/9</th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
<th>Cut-off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>84%</td>
<td>84%</td>
<td>80%</td>
<td>80%</td>
</tr>
<tr>
<td>Specificity</td>
<td>48.1%</td>
<td>57.1%</td>
<td>64.9%</td>
<td>76.6%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>34.4%</td>
<td>38.9%</td>
<td>42.6%</td>
<td>52.6%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>90.2%</td>
<td>91.7%</td>
<td>90.9%</td>
<td>92.2%</td>
</tr>
</tbody>
</table>

A cut off of 11/12 was found to be adequate for routine screening in the community to identify women who require clinical assessment.

The prevalence of depression over the study period (6 to 18 weeks postpartum) was 24.5%. This high rate of depression was probably related to the social disadvantage experienced by the women and the high rate of caesarean section. Using a cut off of 11/12, 80% of depressed women were identified.

The mean EPDS score for the non-depressed women was 9.0 which was higher compared with other validation studies. The women in this study had particular problems with Items 4 and 5 which relate to being anxious and scared. The authors suggested that the subtlety of the wording was missed by the women which resulted in higher scores for these items. The non-depressed women also tended to score higher on Item 3 which relates to self-blame. The authors suggested that South African women in this sample may have low self-esteem.
THE EDINBURGH POSTNATAL DEPRESSION SCALE  
(TRANSLATION – SPANISH)

Full name: ___________________________ Date: ____________________

¿Cómo se siente?

Como recientemente ha tenido un bebé, nos gustaría saber cómo se siente ahora. Por favor subraye la respuesta que considere más adecuada con respecto a cómo se ha sentido no sólo hoy, sino durante los últimos 7 días. A continuación encontrará un ejemplo ya completado.

Me he sentido bien:
   Sí, la mayoría del tiempo
   Sí, a veces
   No, no muy bien
   No, no me he sentido bien en absoluto

Esto significaría: “Me he sentido bien en algunos momentos durante la semana pasada”.

Por favor complete las otras preguntas de la misma manera.

En los pasados 7 días:

1. He sido capaz de reírme y ver el lado divertido de las cosas:
   Igual que siempre
   Ahora, no tanto como siempre
   Ahora, mucho menos
   No, nada en absoluto

2. He mirado las cosas con ilusión:
   Igual que siempre
   Algo menos de lo que es habitual en mí
   Bastante menos de lo que es habitual en mí
   Mucho menos que antes

3. Me he culpado innecesariamente cuando las cosas han salido mal:
   Sí, la mayor parte del tiempo
   Sí, a veces
   No muy a menudo
   No, en ningún momento

4. Me he sentido nerviosa o preocupada sin tener motivo:
   No, en ningún momento
   Casi nunca
   Sí, algunas veces
   Sí, con mucha frecuencia
5. He sentido miedo o he estado asustada sin motivo:
   Sí, bastante
   Sí, a veces
   No, no mucho
   No, en absoluto

6. Las cosas me han agobiado:
   Sí, la mayoría de las veces no he sido capaz de afrontarlas
   Sí, a veces no he sido capaz de afrontarlas tan bien como siempre
   No, la mayor parte de las veces las he afrontado bastante bien
   No, he afrontado las cosas tan bien como siempre

7. He he sentido tan infeliz que he tenido dificultades para dormir:
   Sí, la mayor parte del tiempo
   Sí, a veces
   No muy a menudo
   No, en ningún momento

8. He he sentido triste o desgraciada:
   Sí, la mayor parte del tiempo
   Sí, bastante a menudo
   No con mucha frecuencia
   No, en ningún momento

9. He he sentido tan infeliz que he estado llorando:
   Sí, la mayor parte del tiempo
   Sí, bastante a menudo
   Sólo en alguna ocasión
   No, en ningún momento

10. He tenido pensamientos de hacerme daño:
    Sí, bastante a menudo
    A veces
    Casi nunca
    En ningún momento


The Edinburgh Postnatal Depression Scale
(Translation – Spanish)

The Spanish version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 10/11

A score of 11 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. The Spanish-EPDS has been validated in a number of countries; Chile, Peru and Spain

2. The two studies in Barcelona had large sample sizes with over one thousand women screened at 6 weeks postpartum.

Based on the information from two published validation studies comparing the Spanish translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety. Also included are the results of two validation studies based on information collected from the abstract only.
Countries where Spanish is spoken:

- Andorra
- Argentina
- Bolivia
- Brazil
- Chile
- Colombia
- Cuba
- Dominican Republic
- Ecuador
- El Salvador
- Guatemala
- Honduras
- Mexico
- Nicaragua
- Panama
- Paraguay
- Peru
- Philippines
- Puerto Rico
- Spain
- Uruguay
- Venezuela

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Validation of the Edinburgh Postnatal Depression Scale (EPDS) in Chilean postpartum women


**SUMMARY OF VALIDATION STUDY**

**A cut-off point of 9/10** was considered to be optimal for screening a population of Spanish speaking women at **two to three months postpartum**.

**Study participants**

One hundred and eight women were recruited over a two month period from antenatal clinics at the University Hospital Out-patient Clinic in Santiago, Chile. Only women who attended on Mondays and Thursdays were invited to participate. The mean age of the women was 27.7 years. Nearly all of the women (90%) had a stable partner. Almost half (44%) were housewives and another 12% were professional women. Almost all of the women (99%) had a secondary education and 16% had further education. Almost half of the women (48%) were primiparous. Most babies (86%) were born by normal vaginal delivery, with 11% requiring caesarean section.

**Study design**

Developed a translated and back-translated Spanish-EPDS by the authors who were Chilean but British trained psychiatrists working in Chile. The back-translation was found to be identical to the original by a native English speaking psychiatrist in London. Pilot interviews were conducted with 12 child-bearing women and the Spanish-EPDS version was found to be acceptable and easy to use. The Spanish-EPDS version was compared with the Psychiatric Assessment Schedule (PAS) based on the Present State Examination (PSE) to derive RDC criteria.

**Study findings**

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 8/9</th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
<th>Cut-off 12/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>100%</td>
<td>82%</td>
<td>55%</td>
</tr>
<tr>
<td>Specificity</td>
<td>67%</td>
<td>80%</td>
<td>87%</td>
<td>94%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>26%</td>
<td>37%</td>
<td>43%</td>
<td>50%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>100%</td>
<td>100%</td>
<td>98%</td>
<td>95%</td>
</tr>
<tr>
<td>Misclassification</td>
<td>30%</td>
<td>18%</td>
<td>14%</td>
<td>10%</td>
</tr>
</tbody>
</table>
The EPDS was found to have good internal consistency (Cronbach alpha, = 0.77). The prevalence of depression was 10.2% using the RDC criteria for depression.

A cut-off of 9/10 was found to be optimal for screening women for postnatal depression. If the threshold was 8/9, all mothers with depression would have been identified correctly, however one third of women would have been false positive.

The Spanish-EPDS was found to be useful in screening both working class and middle class women. Overall this version was found to be a useful and valid instrument to screen postpartum depression in Chilean women.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – SPANISH)

Validation of a Spanish version of the Edinburgh Postnatal Depression Scale

ABSTRACT ONLY

SUMMARY OF VALIDATION STUDY

A cut-off point of 13/14 was considered to be optimal for screening major depression in a population of Peruvian women up to one year postpartum.

Study participants
Three hundred and twenty-one women were recruited into the study.

Study design
Used the Spanish-EPDS version and compared with the semi-structured diagnostic interview (SCID) for DSM-IV diagnosis of major depression.

Study findings

<table>
<thead>
<tr>
<th>Major Depression</th>
<th>Cut off 7/8</th>
<th>Cut off 13/14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>84.2%</td>
</tr>
<tr>
<td>Specificity</td>
<td>-</td>
<td>79.5%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>100%</td>
<td>-</td>
</tr>
</tbody>
</table>

No woman with a score lower than 7.5 had major depression. The correlation coefficient between EPDS and SCID was 0.45 for major depression symptoms. The EPDS was shown to have good internal consistency (Cronbach’s alpha was 0.70).

The items that had the greatest predictive power were those relating to worries, ability to cope, panic, crying and optimism.

The Spanish-EPDS version performed adequately in the sample of Peruvian women during the first 12 months after delivery.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – SPANISH)

Validation of the Edinburgh Postnatal Depression Scale (EPDS)
in Spanish mothers


SUMMARY OF VALIDATION STUDY:

A cut-off point of 10/11 was considered to be optimal for screening a population of Spanish women at six weeks postpartum.

Study participants
One thousand, one hundred and twenty three women attending routine postnatal care at the Public Maternity Hospital of Barcelona, Spain completed the EPDS at 6 weeks postpartum. Based on EPDS scores, women were divided into two groups to receive a clinical interview. Group 1 included 218 women with an initial EPDS score >9 Group 2 included 126 randomly allocated women with an initial EPDS score <9. The mean age for Group 1 (depressed women) was 29.8 years and 30.2 years for non-depressed women. There were no significant differences in mean age between these two groups.

Study design
Developed a translated Spanish-EPDS by the authors and back-translated by the Linguistic Service - University of Barcelona and compared with the English version. This Spanish-EPDS version was piloted on 20 mothers and no changes were made. The Spanish-EPDS version was compared with the Spanish version of the DSM-III-R Structured Clinical Interview, non-patient (SCID-NP) which was modified to diagnose major depression according to DSM-IV criteria.

Study findings

<table>
<thead>
<tr>
<th>Major &amp; minor depression</th>
<th>Cut-off 8/9</th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
<th>Cut-off 11/12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>89%</td>
<td>79%</td>
<td>70%</td>
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<tr>
<td>Specificity</td>
<td>89%</td>
<td>93%</td>
<td>95%</td>
<td>97%</td>
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<tr>
<td>Positive Predictive Value</td>
<td>48%</td>
<td>56%</td>
<td>63%</td>
<td>71%</td>
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<td>Negative Predictive Value</td>
<td>100%</td>
<td>99%</td>
<td>98%</td>
<td>97%</td>
</tr>
<tr>
<td>ROC</td>
<td>0.976</td>
<td></td>
<td>0.983</td>
<td></td>
</tr>
</tbody>
</table>
One hundred women with an initial EPDS score >9 were diagnosed with depressive disorder, including 38 with major depression. None of the women with scores <9 were found to have depression. Therefore all women with scores <9 were assumed to be non-depressed. The prevalence of PND was 8.9% (100 out of 1123).

The EPDS was correlated strongly with the DSM interview schedules. At a cut-off of 9/10, the EPDS identified all of the women with DSM major depression and identified all the women with DSM minor depression at a cut-off of 8/9.

The mean score for depressed mother was 14 (S.D. 3.8). Non-depressed mothers had a significantly lower EPDS score of 4.8 (S.D. 3).

These results confirmed the validity of the EPDS as a screening tool to identify postnatal depression in Spanish women attending routine postnatal care.

The authors cross-validated these results on another population and found similar results.

A cut off of 10/11 was found to be adequate for routine screening in the community to identify women who require clinical assessment.
Prevalence of postpartum depression in Spanish mothers: comparison of estimation by mean of the structured clinical interview for DSM-IV with the Edinburgh Postnatal Depression Scale


SUMMARY OF VALIDATION STUDY:

A cut-off point of 11/12 was considered to be optimal for screening a population of Spanish women at six weeks postpartum.

Study participants
One thousand, one hundred and ninety-one women attending routine postnatal care at the Gynaecology and Obstetrics Department of the Hospital Clinic of Barcelona, Spain completed the EPDS at 6 weeks postpartum. Based on EPDS scores, the women were divided into two groups to receive a clinical interview. Group 1 included all women with an initial EPDS score >9. Group 2 included 16% of all women with an initial EPDS score <9. Four hundred and two women were offered the diagnostic interview, however only 334 (83%) agreed to participate.

Study design
The Spanish-EPDS version was compared with the structured diagnostic interview (SCID) for DSM diagnosis of major and minor depression.

Study findings
The prevalence of depression identified by the diagnostic interview was 10.15% (CI 95%: 8.43-11.87). The prevalence of major depression was 3.6% (CI 95%: 2.55 – 4.67) and the prevalence of minor depression was 6.5% (CI 95%: 5.14 – 7.95).

An EPDS cut-off of 11/12 was found to be effective in identifying the population at risk of postnatal depression (both major and minor depression).
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – SWEDISH)

Full name: ___________________________ Date: __________________

Hur mår Du?
Eftersom Du nyligen fått barn, skulle vi vilja veta hur Du mår. Var snäll och stryk under det svar, som bäst stämmer överens med hur Du känt Dig under de sista 7 dagarna, inte bara hur Du mår idag.

Här är ett exempel, som redan är ifyllt:
Jag har känt mig lycklig:
  Ja, hela tiden
  Ja, för det mesta
  Nej, inte särskilt ofta
  Nej, inte alls

Detta betyder: Jag har känt mig lycklig mest hela tiden under veckan som har gått. Var snäll och fyll i de andra frågorna på samma sätt:

UNDER DE SENASTE 7 DAGARNA

1. Jag har kunnat se tillvaron från den ljusa sidan:
   Lika bra som vanligt
   Nästan lika bra som vanligt
   Mycket mindre än vanligt
   Inte alls

2. Jag har glätt mig åt saker som skall hända:
   Lika mycket som vanligt
   Något mindre än vanligt
   Mycket mindre än vanligt
   Inte alls

3. Jag har lagt skulden på mig själv onödigt mycket när något har gått snett:
   Ja, för det mesta
   Ja, ibland
   Nej, inte så ofta
   Nej, aldrig

4. Jag har känt mig rädd och orolig utan egentlig anledning:
   Nej, inte alls
   Nej, knappast alls
   Ja, ibland
   Ja, mycket ofta
5. Jag har känt mig skrämd eller panikslagen utan speciell anledning:
   Ja, mycket ofta
   Ja, ibland
   Nej, ganska sällan
   Nej, inte alls

6. Det har kört ihop sig för mig och blivit för mycket:
   Ja, mesta tiden har jag inte kunnat ta itu med något alls
   Ja, ibland har jag inte kunnat ta itu med saker lika bra som vanligt
   Nej, för det mesta har jag kunnat ta itu med saker ganska bra
   Nej, jag har kunnat ta itu med saker precis som vanligt

7. Jag har känt mig så leden och olycklig att jar haft svårt att sova:
   Ja, mesta tiden
   Ja, ibland
   Nej, sällan
   Nej, aldrig

8. Jag har känt mig leden och nere:
   Ja, för det mesta
   Ja, rätt ofta
   Nej, sällan
   Nej, aldrig

9. Jag har känt mig så olycklig att jag har gråtit:
   Ja, nästan jämt
   Ja, ganska ofta
   Bara någon gång
   Nej, aldrig

10. Tankar på att göra mig själv illa har förekommit:
    Ja, rätt så ofta
    Ibland
    Nästan aldrig
    Aldrig

The Swedish version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 11/12

A score of 12 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. Bangedahl-Strindlund et al, 1999 found that the EPDS is an effective tool to identify more depression than clinical judgement alone.
Countries where Swedish is spoken:

- Finland
- Sweden

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Use of the Edinburgh Postnatal Depression Scale in some Swedish Child Health Care Centres


**SUMMARY OF VALIDATION STUDY**

A cut-off point of 9/10 was considered to be optimal for screening a population of Swedish women at two, six and twelve weeks and eight to nine months postpartum.

**Study participants**

Two hundred and fifty-eight women were recruited from country and rural areas in Stockholm, Sweden. Only 169 women completed the EPDS at all four times. Two hundred and thirty-two women completed the EPDS at least three times. For just over half of the women, this was their first pregnancy (51%). The sample consisted of 25% of rural women and 15% of town women who had given birth that year.

**Study design**

Developed a translated Swedish-EPDS by the authors and back-translated by an authorised translator. The Swedish-EPDS version was piloted on 53 women and their scores were compared with the Comprehensive Psychological Pathology Rating Scale (CPRS-D). The scores on the EPDS were highly correlated with the CPRS-D (0.95). In the pilot, the EPDS, with a cut-off of 9/10, had a sensitivity of 90%, specificity of 92% and positive predictive value of 76%. For the main study, the EPDS results were not compared with a gold standard for diagnosing depression.

**Study findings**

Of the women screened during the postpartum period, 26% scored 10 or above on at least one of the assessment times. Nearly half of the women (47%) scored between 6 and 12 across all assessments. Two thirds of depressed women were having their first pregnancy.

At six weeks postpartum, the prevalence of postnatal depression was 8%. At three months postpartum, 13% of the women (4% new cases) were found to be depressed using the EPDS. At 8-9 months postpartum, 8% of women had high scores on the EPDS.
Women who scored 1, 2 or 3 on Items 1, 2, 5, 7, 8, 9 & 10 usually got an overall high score. These items include feelings of panic, problems with sleeping, feeling miserable and temptation to self-harm. The Items 3, 4 & 6 seemed to be related to parenting rather than with postnatal depression. A third to a half of all women scored on Item 3, 4 and 6 (blame, anxious and things getting too much).

The EPDS was perceived by most women to be accurate, relevant and easy to complete. The women welcomed the opportunity to express their feelings.

A threshold of 9/10 was recommended for use in the community nursing environment.

The majority of women (65%) did not show any severe symptoms of postnatal depression between two weeks and eight months postpartum. There was no significant difference in postnatal depression in first time mothers and others (35%).

This study confirms that the EPDS is a valid screening instrument for detecting postnatal depression in Swedish women.
The Edinburgh Postnatal Depression Scale: validation on a Swedish community sample


**SUMMARY OF VALIDATION STUDY**

A cut-off point of 11/12 was considered to be optimal for screening a population of Swedish women at two and three months postpartum.

**Study participants**

This is a total population study of women who gave birth in Goteborg and Molndal, Sweden. A total of 1,874 women attended child health clinics after birth and 1655 women were assessed at two and three months postpartum using the EPDS. The women that did not participate were excluded due to literacy problems or they simply declined. One hundred and thirty-eight women only completed one EPDS. Of the 1,655 women, 128 were selected for a more detailed study at three months postpartum. These women included 21 women who scored 9 or less, 16 women who scored 10 or 11 and 91 women who scored 12 or above on the EPDS.

Of the 1,655 women, the mean age was 28.1 years with a range of 18-42 years. The majority of the women were married or in de facto relationships (80%). For just over half of the women, this was their first pregnancy (59%) and nearly all of the women had a normal delivery (89%). A large proportion of the women did not have a history of depression (67%).

**Study design**

The Swedish-EPDS version was compared with Montgomery-Asberg Depression Rating Scale (MADRS) for DSM-III-R diagnosis for major depression.

**Study findings**

<table>
<thead>
<tr>
<th>Women</th>
<th>Cut off 11/12</th>
<th>Cut off 12/13</th>
<th>Cut-off 11/12*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>96%</td>
<td>85%</td>
<td>96%</td>
</tr>
<tr>
<td>Specificity</td>
<td>49%</td>
<td>63%</td>
<td>75%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>59%</td>
<td>64%</td>
<td>70%</td>
</tr>
</tbody>
</table>

*excluding 30 women who scored above 11 at three months postpartum only
At two months postpartum, the prevalence of postnatal depression was 12%. At 3 months postpartum, 7.1% of the women (61% chronic cases) were found to be depressed using EPDS. The mean EPDS score for the depressed women was 15.4 (S.D. 3.1). For the non-depressed women, the mean EPDS score was significantly lower, 10.8 (S.D. 4.6).

Screening at two months and then followed by three months postpartum increased both the specificity and positive predictive value of the EPDS for major depression.

During the pilot study, the EPDS was moderately correlated with the MADRS (0.6).

This study confirmed that the EPDS is a valid screening instrument for detecting postnatal depression in Swedish women. The EPDS identifies postnatal depression in women who need further support and treatment.
Postnatal depression: A hidden illness


**SUMMARY OF VALIDATION STUDY**

**A cut-off point of 11/12** was considered to be optimal for screening a population of Swedish women at two, six and twelve weeks and eight to nine months postpartum.

**Study participants**

Two samples of women living in the Southern Stockholm region of Sweden were compared to determine if the EPDS was better at identifying women with postnatal depression than clinical judgement alone. The first sample consisted of 1,128 women with babies born in 1992 who were attending 15 well baby clinics. The second sample (n=309) were all Swedish speaking mothers recruited over a 12 month period (1993 – 1994) who were attending 9 well baby clinics. In this second sample, the mean age of the women who scored above 12 on the EPDS was 27.8 years and women who scored less than 12 had a mean age of 28.3 years. The women with an EPDS score of less than 12 were significantly more likely to be primiparous (48% compared with 36% of the women with a score above 12). Women with a score less than 12 were also significantly less likely to be single (4% compared with 70% of the women with a score above 12). Forty-five women with an EPDS score >12 were invited to attend a diagnostic interview. Only 39 women attended.

**Study design**

The medical records held at well baby clinics attended by the women in the first sample were retrospectively viewed to identify cases of clinical depression. For the second sample of women, the authors used a translated Swedish-EPDS version to determine a prevalence of postnatal depression using a cut off of 11/12. Only a sample of the women (n=39) who scored 12 or above on the EPDS were given a diagnostic interview to determine Research Diagnostic Criteria (RCD) for major, minor and probable depression.

**Study findings**

Only 2% of the mothers were identified with depression in the first sample compared with 8.4% of mothers in the same area who were given the EPDS. This confirms that postpartum depression is a hidden illness and that the EPDS is an effective tool to identify more depression than clinical judgement alone.
Using the EPDS, 45 women (14.5%) were identified as having depressive symptoms (>12). A clinical interview confirmed depressive disorder in 67% of these women.

The prevalence found in this study of 8.4% was higher than a previously reported prevalence of 7% in another region of near Stockholm (Lundh & Gyllang, 1993). The previous study used the same cut off of 11/12 however the areas covered in the current study have greater ethnic diversity.

One third of these women had a history of psychological problems, 10% had previous suicide attempts and 2.5% had been previously admitted to a psychiatric clinic for treatment.

This study confirmed that the EPDS is a valid screening instrument for detecting postnatal depression in Swedish women.
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – TURKISH)

Full name: ___________________________ Date: _______________________

Kendinizi nasıl hissediyorsunuz?

Yakın bir zamanda bebeğiniz oldu ve şimdiki, kendinizi nasıl hissettiğiniizi öğrenmek istiyoruz. Lütfen, yalnızca bugün değil, fakat son 7 gün içinde kendinizi nasıl hissettiğiniizi en iyi tanımlayan ifadenin altını çiziniz, aşağıdaki örnekte gösterildiği gibi:

Mutlu hissettim:
  - Evet, çoğu zaman
  - Evet, zaman zaman
  - Hayır, çok mutlu hissetmedim
  - Hayır, hiç mutlu hissetmedim

Bunun anlamı şu olacak: “Son bir hafta içinde kendimi ara sıra mutlu hissettim.” Lütfen diğer soruları da aynı şekilde cevaplandırınız.

Son 7 gündür

1. Gülebiliyor ve olayların komik tarafını görebiliyorum.
   - Her zaman olduğu kadar
   - Artık pek o kadar değil
   - Artık kesinlikle o kadar değil
   - Artık hiç değil

2. Geleceğe hevesle bakıyorum.
   - Her zaman olduğu kadar
   - Her zamankinden biraz daha az
   - Her zamankinden kesinlikle daha az
   - Hemen hemen hiç

   - Evet, çoğu zaman
   - Evet, bazen
   - Çok sık değil
   - Hayır, hiçbir zaman

4. Nedensiz yere kendimi sıkıntılı ya da endişeli hissediyorum.
   - Hayır, hiçbir zaman
   - Çok seyrek
   - Evet, bazen
   - Evet, çoğu zaman
5. İyi bir nedeni olmadığı halde, korkuyor ya da paniker kapılıyorum.
   Evet, çoğu zaman
   Evet, bazen
   Hayır, çok sık değil
   Hayır, hiçbir zaman

6. Her şey giderek sırtıma yükleniyor.
   Evet, çoğu zaman hiç başa çıkıyor
   Evet, bazen eskisi gibi başa çıkıyor
   Hayır, çoğu zaman oldukça başa çıkıyor
   Hayır, her zamanki gibi başa çıkıyor

7. Öylesine mutsuzum ki uyumakta zorlanıyor.
   Evet, çoğu zaman
   Evet, bazen
   Çok sık değil
   Hayır, hiçbir zaman

   Evet, çoğu zaman
   Evet, oldukça sık
   Çok sık değil
   Hayır, hiçbir zaman

9. Öylesine mutsuzum ki ağlıyorum.
   Evet, çoğu zaman
   Evet, oldukça sık
   Çok seyrek
   Hayır, asla

    Evet, oldukça sık
    Bazen
    Hemen hemen hiç
    Asla
The Turkish version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 12/13

A score of 13 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. This Turkish-EPDS version has been used in a number of prevalence and validation studies.

2. The prevalence of postnatal depression, using the recommended cut-off score of 12/13, is higher than found in other populations.

3. Items 3, 5, and 6 were difficult for some women to understand.

4. The clinical assessment is very important for Turkish women and may identify false negatives and false positives.

Based on information from one published validation study comparing the Turkish translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety.
Countries where Turkish is spoken:

- Bulgaria
- Cyprus
- Turkey

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
Validation of the Turkish version of the Edinburgh Postnatal Depression Scale among women within their first postpartum year


SUMMARY OF VALIDATION STUDY

A cut-off point of 12/13 was considered to be optimal for screening a population of Turkish women up to twelve months postpartum.

Study participants
Three hundred and forty-one Turkish women, with a mean age of 26.6 years (S.D. 4.8), were recruited from primary health care clinics in Erzurum, Turkey. Over half of the women (55.4%) had only a primary education and nearly 17% were illiterate or had no formal education. Another 29% of women had secondary education and only 9.5% had a tertiary education. Most women had two children.

Study design
Used the Turkish-EPDS version developed by Engindeniz et al in 1996. This version was translated, back-translated and piloted. It has been used in a number of Turkish studies on postnatal depression. This Turkish-EPDS version was compared with the Structured Clinical Interview for DSM-IV Axis I Disorders (SCID-I) for major and minor depression.

Study findings

<table>
<thead>
<tr>
<th></th>
<th>Cut-off 9/10</th>
<th>Cut-off 10/11</th>
<th>Cut-off 11/12</th>
<th>Cut-off 12/13</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>96%</td>
<td>89.8%</td>
<td>79.6%</td>
<td>75.5%</td>
</tr>
<tr>
<td>Specificity</td>
<td>47%</td>
<td>59.2%</td>
<td>65.8%</td>
<td>71.5%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>23.3%</td>
<td>27%</td>
<td>28.1%</td>
<td>30.3%</td>
</tr>
<tr>
<td>Negative Predictive Value</td>
<td>98.5%</td>
<td>97.2%</td>
<td>95.0%</td>
<td>94.5%</td>
</tr>
</tbody>
</table>

The EPDS was shown to have good internal consistency (Cronbach’s alpha, 0.76). The Turkish women had high EPDS scores resulting in a high overall mean score (10.8, S.D. 5.0) and a large proportion of women above the 11/12 cut off (35.8%). When the women were clinically assessed the prevalence of major and minor depression was only 14.4%. Another study (Ekuklu et al., 2004) also found a high prevalence of postnatal depression in Turkish women (40.4%) at a cut-off of 11/12.
There was no significant difference in mean EPDS score between women who completed the questionnaire during the first six months postpartum and the second six months postpartum.

The EPDS was found to be reliable and valid, however, a careful clinical assessment is required to confirm the presence of postnatal depression.
Họ tên: ______________________________ Ngày: ____________________________

Bạn cảm thấy thế nào?
Vì bạn vừa sinh cháu bé, nên chúng tôi muốn biết bạn cảm thấy thế nào. Xin gạch dưới câu trả lời nào phù hợp nhất với cảm giác của bạn trong 7 ngày qua, không phải chỉ hôm nay mà thôi. Sau đây là một thí dụ của câu trả lời:
Bạn có cảm thấy vui vẻ không?:
Vâng, rất thường xuyên
Vâng, thình thídoang
Không, không được vui lắm
Không, không vui gì cả

Câu trả lời trên có nghĩa là: “Thình thídoang tôi cảm thấy vui vẻ trong suốt tuần qua”.

Xin bạn trả lời những câu hỏi dưới đây theo cách chỉ dẫn trên.

Trong 7 ngày qua
1. Bạn văn có thể cười và thấy được phản hứa trước của những chuyện khó hai không?
   Vấn như Trước
   Bây giờ ít hơn trước
   Chắc chắn là ít hơn trước
   Không bao giờ như trước

2. Bạn có nhìn vào tương lai với niềm hân hoan/ vui vẻ không?:
   Vấn như Trước
   Ít hơn trước
   Chắc chắn là ít hơn trước
   Gần như không có

3. Bạn có tự đố lối cho chính mình một cách quá đàm khi chuyện xảy ra không được như ý không?:
   Rất thường xuyên
   Thình thídoang
   Rát hiềm
   Không bao giờ

4. Bạn có cảm thấy không yên tâm hay lờ mờ một cách vô lý không?:
   Không bao giờ
   Rát hiềm
   Thình thídoang
   Rát thường xuyên
5. Bạn có cảm thấy sợ sệt hay hoảng hốt một cách vô lý không?
   - Vâng, nhiều lắm
   - Vâng, đôi khi.
   - Không, rất hiếm
   - Không khi nào.

6. Bạn có cảm thấy mọi việc xảy ra đều quá sức chịu đựng của mình hay không?
   - Vâng, thương xuyên tôi không thể giải quyết được bất cứ việc gì
   - Vâng, thỉnh thoảng tôi không thể giải quyết được công việc như bình thường
   - Không, thương xuyên tôi cũng có thể giải quyết được công việc như bình thường
   - Không, tôi luôn luôn giải quyết công việc như bình thường.

7. Bạn có cảm giác buồn đến mức khó ngủ không?
   - Vâng, rất thường xuyên.
   - Vâng, thỉnh thoảng.
   - Không thường lắm.
   - Không khi nào.

8. Bạn có cảm thấy buồn hay khổ sở không?
   - Vâng, rất thường xuyên.
   - Vâng, thỉnh thoảng.
   - Không thường lắm.
   - Không khi nào.

9. Bạn có quá u buồn đến độ thường hay khóc không?
   - Vâng, hầu như lúc nào cũng vậy.
   - Vâng, rất thường.
   - Không, không thường lắm.
   - Không khi nào.

10. Bạn có bao giờ có ý nghĩ tự tử không?
    - Vâng, rất thường.
    - Đôi khi.
    - Rất ít khi.
    - Không khi nào.

Xin cảm ơn bạn.
The Vietnamese version of the EPDS is a reliable and valid screening tool for perinatal depression.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. The translated Vietnamese Diagnostic Interview Schedule for Anxiety and Depression (DIS) was only able to identify very seriously depressed women. These Vietnamese women were not prepared to express their mood verbally to an interviewer. DIS should not be used as the sole criterion for major depression of Vietnamese women.

2. When the Vietnamese women completed the DIS, GHQ and/or Faces questionnaires, a cut-off of 9/10 was recommended.

3. The GHQ had slightly better psychometric properties to both the BDI and EPDS.

Based on information from two published validation study comparing the Vietnamese translated version of the Edinburgh Postnatal Depression Scale with other standard measures of depression/anxiety.
Countries where Vietnamese is spoken:

- Vietnam

Disclaimer:
This list provides an indication only. It is not fully comprehensive of all languages or dialects and gives no indication as to the extent of the language spoken and/or read in these countries.
THE EDINBURGH POSTNATAL DEPRESSION SCALE (TRANSLATION – VIETNAMESE)

Screening for postnatal depression in women of non-English speaking background

Translation and validation of the Edinburgh Postnatal Depression Scale into Vietnamese and Arabic.

Postnatal depression and social support in Vietnamese and Arabic women in South West Sydney


SUMMARY OF VALIDATION STUDY

A cut-off point of 9/10 was considered to be optimal for screening a population of Vietnamese speaking women at second trimester of pregnancy, six weeks postpartum and six months postpartum.

Study participants
One hundred and thirteen women were recruited from antenatal clinics in South West Sydney, Australia and agreed to complete the antenatal assessments. By 6 months postpartum, there were 96 participants. The mean age of the Vietnamese women was 28 years. Nearly all women were married or defacto (99%) and 85% of the women were primiparous.

Study design
Used the Vietnamese-EPDS version developed with Ethnic Health Workers using a blind back-translation and Brislin methodology (Matthey et al., 1997). The Vietnamese-EPDS version was compared with the General Health Questionnaire-30
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – VIETNAMESE)

item (GHQ-30), Faces sheet Five faces scale, Social Support Questionnaire and Diagnostic Interview Schedule (DIS) for DSM-III-R major depression and anxiety. All assessments were administered antenatally, at 6 weeks and 6 months postpartum.

Study findings

<table>
<thead>
<tr>
<th>Major depression at six weeks</th>
<th>Cut-off 9/10</th>
<th>Cut-off 14/15</th>
<th>Cut-off 15/16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100%</td>
<td>100%</td>
<td>80%</td>
</tr>
<tr>
<td>Specificity</td>
<td>68.5%</td>
<td>94.4%</td>
<td>96.3%</td>
</tr>
<tr>
<td>Positive Predictive Value</td>
<td>12.8%</td>
<td>45.5%</td>
<td>50%</td>
</tr>
</tbody>
</table>

Using the EPDS, 31% of these Vietnamese women were above the cut-off score of 9/10 in the second trimester of pregnancy. This increased to 34.5% at 6 weeks postpartum but dropped to 25% by 6 months postpartum.

The level of DSM-III-R major depression for these Vietnamese women was found to be similar at 6 weeks and 6 months postpartum (4.4% and 3.1% respectively).

The level of DSM-III-R depression and anxiety for these Vietnamese women was 6.2% at 6 weeks postpartum and 6.2% at 6 months postpartum.

The researchers suggested that lower prevalence of depression and anxiety reported by the DIS (6.2%) compared with the EPDS (34.5%) for Vietnamese women could be possibly explained by cultural differences in reporting emotion symptoms. Culturally, it is socially undesirable for Vietnamese women to verbally report negative emotions. The researchers concluded that the DIS was not a useful diagnostic tool for this population.

This discrepancy in identification of depression altered the psychometric properties for the Vietnamese-EPDS. Although the study found a higher positive predictive value at the 14/15 cut-off, a lower cut-off is recommended because of the inaccuracy of the DIS measure.

Length of time in Australia was not significantly associated with EPDS for Vietnamese women, however women who had been in Australia less than one year had significantly lower scores than women who had been in Australia for more than three years ($p<0.03$). Women who have poor relationships with their partners were significantly more likely to have high EPDS scores. Dissatisfaction with the relationship with the partner accounted for 21% of the variance in EPDS score which indicates that the women with poor relationships were more likely to be depressed.

The EPDS was acceptable to the women and a suitable screening instrument for postnatal distress and depression.
### Definition of Research Terms

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Alpha (p&lt;)</strong></td>
<td>the probability that a statistically significant result is due to error instead of the independent variable.</td>
</tr>
<tr>
<td>Specifically</td>
<td>the probability that the results are incorrect. Traditionally the alpha level is set at 0.05, i.e. a 5% chance that the results are incorrect.</td>
</tr>
<tr>
<td><strong>Convergent validity</strong></td>
<td>the measure should be highly correlated with other valid measures of that trait.</td>
</tr>
<tr>
<td>Specifically</td>
<td>a person who has a high score on the EPDS, should also have high scores on other questionnaires that measure depression.</td>
</tr>
<tr>
<td><strong>Cronbach’s alpha</strong></td>
<td>an average reliability coefficient for a set of items which is a indication of the measure’s internal consistency. A large Cronbach’s alpha coefficient (&gt;0.8) implies that the items in the measure are highly correlated.</td>
</tr>
<tr>
<td>Specifically</td>
<td>a person with depression should receive high scores on all questions which aim to measure depression within the questionnaire</td>
</tr>
<tr>
<td><strong>External validity</strong></td>
<td>the extent to which the results of a research study can be generalised to different populations, setting and conditions.</td>
</tr>
<tr>
<td>Specifically</td>
<td>results from studies with small and biased samples are unlikely to be applicable to the cultural groups in Western Australia.</td>
</tr>
<tr>
<td><strong>False negatives</strong></td>
<td>a measure reports a negative result for a disorder when, in fact, it is present in that participant.</td>
</tr>
<tr>
<td>Specifically</td>
<td>when a participant receives a score on the EPDS which is below the cut off but the person is actually depressed.</td>
</tr>
</tbody>
</table>
### DEFINITION OF RESEARCH TERMS

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Internal validity</strong></td>
<td>the degree to which differences in performance can be attributed unambiguously to an effect of an independent variable, as opposed to an effect of some other (uncontrolled) variable. Specifically high scores on the EPDS can be attributed unambiguously to the presence of depressed mood or depression and not to some other (uncontrolled) variable such as schizophrenia.</td>
</tr>
<tr>
<td><strong>Inter-rater reliability</strong></td>
<td>the degree to which an assessment yields similar results for the same individual at the same time with more than one rater. Specifically two different people who mark the results of an EPDS questionnaire draw the same conclusion about the participant’s overall score.</td>
</tr>
<tr>
<td><strong>Mean</strong></td>
<td>the arithmetic average, computed by adding up all scores and dividing that total number by the number of participants. Specifically the average EPDS score for a given group (depressed/non-depressed).</td>
</tr>
<tr>
<td><strong>Negative Predictive Value (NPV)</strong></td>
<td>the probability that the participant will not have the condition when restricted to all participants who tested negative. Specifically the probability that a person is not depressed when they have scored below the cut off on the EPDS</td>
</tr>
<tr>
<td><strong>Pearson’s correlation coefficient</strong></td>
<td>an estimate of the magnitude and direction of the linear relationship between two variables. Specifically a large positive correlation means that more severe depression will result in a higher EPDS score.</td>
</tr>
</tbody>
</table>
**Definition of Research Terms**

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive Predictive Value (PPV)</td>
<td>the probability that the participant will have the condition when restricted to all participants who test positive.</td>
</tr>
<tr>
<td>Specifically</td>
<td>the probability that a person is depressed when they have scored above the cut off on the EPDS.</td>
</tr>
<tr>
<td>Prevalence</td>
<td>an indication of the extent of a condition in a population at a given point in time.</td>
</tr>
<tr>
<td>Specifically</td>
<td>the number of people in the wider community who are likely to be experiencing postnatal depression.</td>
</tr>
<tr>
<td>Receiver Operating Characteristic (ROC)</td>
<td>a graphical depiction of the relationship between the true positive ratio (sensitivity) and false positive ratio (1-specificity) as a function of the cut off level for a condition. ROC curves help to demonstrate how raising or lowering the cut off point for defining a positive test result affects tradeoffs between correctly identifying people with a disease (true positives) and incorrectly labelling a person as positive who does not have the condition (false positives).</td>
</tr>
<tr>
<td>Specifically</td>
<td>the technique is used to ensure that the EPDS cut off which is selected is the most appropriate for the cultural group.</td>
</tr>
<tr>
<td>Reliability</td>
<td>extent to which a measurement instrument yields consistent, stable, and uniform results over repeated observations or measurements under the same conditions</td>
</tr>
<tr>
<td>Specifically</td>
<td>the EPDS is unreliable if it is used two times in two days and gets two significantly different scores</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>the ability of a test to detect a condition when it is present</td>
</tr>
<tr>
<td>Specifically</td>
<td>the likelihood that a person with depression will be detected when they complete the EPDS</td>
</tr>
</tbody>
</table>
DEFINITION OF RESEARCH TERMS

Specificity
the ability of a test to exclude the presence of a condition when it is truly not present
Specifically the likelihood that a person without depression will be detected when they complete the EPDS

Split-half reliability
a coefficient obtained by dividing a test into halves, correlating the scores on each half, and then correcting for length using the Spearman-Brown formula.
Specifically all questions on the EPDS can reliably measure depression.

Standard deviation
is a statistical measure of spread or variability.
Specifically the majority of the participants received scores within one standard deviation from the mean.

Test-retest reliability
the degree to which an assessment yields similar results from one testing occasion to another in the absence of intervening growth or instruction.
Specifically a person with depression will score above the EPDS cut off every time that they are measured.

T-Test
used to evaluate the difference between the means of two independent groups.
Specifically does the mean EPDS score for non-depressed women differ significantly from the mean EPDS score for depressed women.

Validity
the instrument is accurately measuring the desired construct
Specifically the EPDS measures depression, nothing else, such as obsessive compulsive disorder
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUC ROC</td>
<td>Area Under Circle Receiver Operating Characteristic</td>
</tr>
<tr>
<td>BDI</td>
<td>Beck Depression Inventory (Beck et al, 1961)&lt;sup&gt;61&lt;/sup&gt;</td>
</tr>
<tr>
<td>Brislin methodology</td>
<td>Techniques for eliminating translation related problems in the development of cross-cultural measures. Brislin proposes using of a combination of methods including decision-making through a process of joint consensus after discussion about meanings of words with people who are bilingual.</td>
</tr>
<tr>
<td>CES-D</td>
<td>Center for Epidemiologic Studies – Depression scale (Radloff, 1977)&lt;sup&gt;62&lt;/sup&gt;</td>
</tr>
<tr>
<td>CIDI</td>
<td>Composite International Diagnostic Interview Schedule CIDI-Auto 2.1 (WHO, 1997)&lt;sup&gt;63&lt;/sup&gt;</td>
</tr>
<tr>
<td>CIDIS</td>
<td>Composite International Diagnostic Interview Schedule (WHO, 1994)&lt;sup&gt;64&lt;/sup&gt;</td>
</tr>
<tr>
<td>CIS-R</td>
<td>Revised version of the Clinical Interview Schedule (Lewis et al, 1992)&lt;sup&gt;65&lt;/sup&gt;</td>
</tr>
<tr>
<td>CGI</td>
<td>General Clinical Impression Scale (Guy, 1976)&lt;sup&gt;66&lt;/sup&gt;</td>
</tr>
<tr>
<td>CPRS-D</td>
<td>Comprehensive Psychopathological Rating Scale (Montgomery et al, 1978)</td>
</tr>
<tr>
<td>Crown-Crisp Experimental Index</td>
<td>Crown-Crisp Experimental Index (CCEI) (Crown &amp; Crisp, 1978)&lt;sup&gt;67&lt;/sup&gt;</td>
</tr>
<tr>
<td>DIS</td>
<td>Diagnostic Interview Schedule (Robins et al, 1981)&lt;sup&gt;68&lt;/sup&gt;</td>
</tr>
<tr>
<td>DSM-III-R</td>
<td>Diagnostic and Statistical Manual of Mental Disorders III (American Psychiatric Association, 1987)&lt;sup&gt;69&lt;/sup&gt;</td>
</tr>
<tr>
<td>DSM-IV</td>
<td>Diagnostic and Statistical Manual of Disorders 4&lt;sup&gt;th&lt;/sup&gt; Edition</td>
</tr>
<tr>
<td>EPDS</td>
<td>Edinburgh Postnatal Depression Scale</td>
</tr>
<tr>
<td>Faces sheet Five faces Scale</td>
<td>Five Faces Scale (Wong &amp; Baker, 1988)&lt;sup&gt;70&lt;/sup&gt;</td>
</tr>
<tr>
<td>GHQ-28</td>
<td>General Health Questionnaire-28 item (Goldberg &amp; Hillier, 1979)&lt;sup&gt;71&lt;/sup&gt;</td>
</tr>
<tr>
<td>GHQ-30</td>
<td>General Health Questionnaire-30 item (Goldberg, 1978)&lt;sup&gt;72&lt;/sup&gt;</td>
</tr>
<tr>
<td>HADS</td>
<td>Hospital Anxiety and Depression Rating Scale (Zigmond &amp; Snaith, 1983)&lt;sup&gt;73&lt;/sup&gt;</td>
</tr>
<tr>
<td>HAMD/HDRS</td>
<td>Hamilton Rating Scale for Depression (Hamilton, 1960)&lt;sup&gt;74&lt;/sup&gt;</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
</tr>
<tr>
<td>ICD-10</td>
<td>International Classification of Disease (World Health Organization, 1992)</td>
</tr>
<tr>
<td>LES</td>
<td>Life Event Scale (Brugha et al, 1985)</td>
</tr>
<tr>
<td>MADRS</td>
<td>Montgomery-Asberg Depression Rating Scale (Montgomery &amp; Asberg, 1984)</td>
</tr>
<tr>
<td>Maternity Blues Scale</td>
<td>Maternity Blues Scale (Stein, 1980)</td>
</tr>
<tr>
<td>MINI</td>
<td>Mini International Neuropsychiatric Interview (Sheehan et al, 1997)</td>
</tr>
<tr>
<td>MINI (French version)</td>
<td>Mini International Neuropsychiatric Interview (French version) Lecrubier, Y. et al, 1997</td>
</tr>
<tr>
<td>PAS</td>
<td>Psychiatric Assessment Schedule (Dean et al, 1983)</td>
</tr>
<tr>
<td>Pitt Scale</td>
<td>Pitt Scale (Pitt, 1968)</td>
</tr>
<tr>
<td>PRIME-MD</td>
<td>Primary Care Evaluation of Mental Disorders (Spitzer et al, 1994)</td>
</tr>
<tr>
<td>PSE</td>
<td>Present State Examination (Wing et al, 1974)</td>
</tr>
<tr>
<td>PSE-10</td>
<td>Present State Examination (Wing et al, 1973)</td>
</tr>
<tr>
<td>RDC</td>
<td>Research Diagnostic Criteria (Spitzer et al, 1978)</td>
</tr>
<tr>
<td>SADS</td>
<td>Schedule for Affective Disorders and Schizophrenia (Spitzer et al, 1978)</td>
</tr>
<tr>
<td>SCID</td>
<td>Structured Clinical Interview for DSM-III-R (Spitzer et al, 1992)</td>
</tr>
<tr>
<td>SCL90-D</td>
<td>Symptom Check List (Derogatis et al, 1973, 1977)</td>
</tr>
<tr>
<td>SDS</td>
<td>Self Rating Depression Scale (Zung, 1965)</td>
</tr>
<tr>
<td>SIGH-D</td>
<td>Structured Interview Guide for the Hamilton Depression Rating Scale (Williams, 1988)</td>
</tr>
<tr>
<td>STAI</td>
<td>State-Trait Anxiety Inventory (Speilberger et al, 1970)</td>
</tr>
<tr>
<td>VAS</td>
<td>Visual Analogic Scale (Norris, 1971)</td>
</tr>
<tr>
<td>VROPSOM</td>
<td>Dutch version of Depressive Adjective Check List (DACL, Lubin, 1977)</td>
</tr>
<tr>
<td>ZDS</td>
<td>Zung self rating depression scale (Nigerian version)</td>
</tr>
</tbody>
</table>


Zung self-rating depression scale (SDS) (German version) – Collegium-Internationale-Psychiatriae-Scalarum, (Eds.) Selbstbeurteilungs Depressions-Sala. Weinheim: Beltz Test GmbH, 1986.)


95 Zung self-rating depression scale (SDS) (German version) – Collegium-Internationale-Psychiatriae-Scalarum, (Eds.) Selbstbeurteilungs Depressions-Sala. Weinheim: Beltz Test GmbH, 1986.)
Edinburgh Postnatal Depression Scale (EPDS)

Translated Versions

NOT VALIDATED
Permission

Permission was obtained from the Royal College of Psychiatrists, London, England, UK to make and distribute translations of the EPDS and distribute copies of the EPDS electronically subject to the following conditions:

- Electronic distribution must be within a secure internet location, such as intranet or an access-controlled area on the internet.

A general licence was granted to produce as many copies of the EPDS as needed across the State of Western Australia, on an ongoing basis.

National Library of Australia Cataloguing in Publication entry.

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Disclaimer

Every effort has been made to ensure that the information contained in this document is free from error. No responsibility shall be accepted by the Government of Western Australia and its officers involved in the preparation of the document for any claim that may arise from information contained herein. Every effort has been made to attribute the translations of the EPDS to its original source. If any of these translations or research summaries is misattributed or misinterpreted, please refer to the enquiries information and the error will be corrected at the next publication.
This is a new resource which collates copies of the Edinburgh Postnatal Depression Scale (EPDS) that have been directly translated from English into other languages. These translations have not been validated for use in screening but, when used with caution, may assist health workers to detect perinatal depression.

For each language, there is specific information recommending cut-off points to use in screening and ‘Notes’ to guide the use of the non-validated translated EPDS.

Some of these translated EPDS versions have been used in research, however, none of this research includes published validation studies for the translated versions. Where possible, researchers were contacted to obtain further information.

Data collected over the past five years about the country of origin and use of interpreters of women having babies in Western Australia were used to identify the possible languages most relevant for translation of the EPDS.

More than 7,000 women who had babies in Western Australia were originally from Vietnam, Malaysia and Indonesia. Over 3,000 women were from South and Central Europe, from countries such as Austria, Germany and the Netherlands. Over 2,000 women were from Africa, the majority from South and East Africa. Almost 1,000 women were from the Middle East, mostly from Iraq.

The resource contains 18 directly translated EPDS versions in languages which were identified from country of origin Western Australian births data. These versions supplement the available validated translated EPDS versions and meet the needs of most women having babies in Western Australia. Information from 14 studies provided guidance for setting recommended cut-off scores. All the recommended cut-off scores should be used with caution and comparison with clinical judgement.

About the Edinburgh Postnatal Depression Scale

The EPDS was developed in the 1980s by John Cox, a consultant psychiatrist in the United Kingdom, and his colleagues Jeni Holden and Ruth Sagovsky. It is a self-report questionnaire now used in many countries to screen for postnatal depression. More recently, the EPDS is being used to screen for antenatal depression in women and depression in men in both the antenatal and postnatal period.

There are ten statements specific for depressive symptoms during the perinatal period. Each statement has four possible responses, which are scored from 0 to 3 depending on the severity of the response. Higher scores indicate more severe depressive symptoms with a maximum total score of 30. For each translated EPDS version, a cut-off score is recommended. A score above the cut-off indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.
ABOUT THIS RESOURCE

Many studies, in Australia and overseas, have shown that EPDS screening is better than clinical judgement alone in detecting emotional problems during the perinatal period. The EPDS is perceived by most women to be accurate, relevant and easy to complete. Women welcome the opportunity to express their feelings.

About Perinatal Mental Health

Postnatal depression (PND) is a term commonly used to describe a sustained depressive disorder following childbirth. PND is not a single illness but a range of conditions with depressive symptoms. These symptoms can vary in severity and are frequently experienced together with anxiety and sometimes other disorders. Up to 40% of PND starts during the antenatal period.

If left untreated, PND can linger for many years. The EPDS provides a timely assessment of a mother’s emotional state and can be used to start intervention early. Treatment is effective in reducing depressive symptoms and improving sensitive mother-infant interaction with better outcomes for the child, mother and family.

Developing the Resource

The EPDS has been translated into many languages and tested in diverse population samples from a variety of countries with women and their partners in both the antenatal and postnatal periods.

There is ample evidence that the EPDS is a reliable and valid measure for use with geographically diverse, non-English speaking populations.

A systematic review process was conducted with the primary objective of identifying all published validation studies using translated EPDS versions. Validation studies were targeted because their results provide cut-off points and reliable results for accurate screening. A good validation study should have an adequate sample size, have a representative sample, indicate administration times, use a culturally appropriate diagnostic interview and indicate that the EPDS was self-completed and based on feelings during the previous seven days.

The systematic review did not identify any validation studies for the languages included in this resource.

Non-validated translated copies of the EPDS were obtained from a number of sources. Some of these versions were available from Cox and Holden (2003) and including Czech, Greek, Hebrew, Hindi and Slovenian.
The Department for Health, Government of Western Australia commissioned an additional 13 direct translations of the EPDS by authorised professional translators in Australia. These included Afan Oromo, Amharic, Farsi/Persian, Filipino/Tagalog, Indonesian, Korean, Khymer/Cambodian, Macedonian, Myanmar/Burmese, Serbian, Somali, Thai and Urdu.

The translators were required to make a direct translation of the English-EPDS or check for accuracy and irrelevant information. All translations were written using a standard format template.

**Determining Cut-off Scores**

In the absence of research information, a cut-off of 9/10 was chosen for thirteen languages on the basis of the results from the original validation study of the English-EPDS (Cox & Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened. A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

Information from research conducted using a translated EPDS version in five languages provided guidance for setting recommended cut-off scores.

All the recommended cut-off scores for non-validated EPDS translations should be used with caution and carefully compared with clinical judgement.

**Cultural Issues**

Every woman has the right to expect a high standard of practice from health services irrespective of cultural background. A prerequisite for a high standard of practice is that the service be delivered in a culturally appropriate manner. Health practitioners need to develop the necessary skills to provide appropriate care and continually reflect on cross-cultural issues in relation to perinatal depression.

Perinatal depression is probably a universal experience, however, there are variations across cultures in the manner PND is evident and the meaning and importance assigned to it by women and others in their lives and by the larger community/society.

Specific areas to be aware of include:

- level of education and literacy: this must be ascertained for every person completing the EPDS
- culture of completing questionnaires: even if the EPDS is written in a language that can be read and the woman is sufficiently literate, the experience of completing questionnaires can be bewildering if a woman has never answered a questionnaire on their own
About this Resource

- culture of completing questionnaires with the support of others: it is a misuse of the EPDS and not recommended that a third party, e.g. a mother-in-law, is present and aware of the mother’s responses to the EPDS (Cox & Holden, 1994).

- official and non-official languages and dialect differences: many countries have one or more official language and other languages that are spoken but not recognised as official languages. Also, there can be a number of dialects that are often not understandable by others. The translated version may only make sense to the people who are conversant in the particular language or dialect in which the test was constructed.

- urban-rural differences: there may be vast cultural differences in language between women in urban and rural areas of countries

- expression, presentation, discussion of and about depression: In some cultures, e.g. Japanese, women tend to express emotional problems by referring to physical (somatic) problems or concerns for the baby rather than expressing their feelings when they are depressed. The EPDS does not contain any somatic items which might raise practical problems if the dominant way in which depression presents is a physical (somatic symptom). Quite frequently, there are no words in cultures that describe depression as there is no literal meaning.

In other cultures, e.g. Punjabi, a label of PND may have implications across the extended family and reducing the family status in the community. Using terminology such as ‘sadness’ not ‘depression’ may be more acceptable with Punjabi families.

- lack of knowledge in the community about PND: this is often associated with difficulties in gaining the necessary care and variety of support to respond to women’s needs and will usually require capacity building at a local level

- quality of the translation of the EPDS: when the EPDS is translated from English into another language, great care is needed that each question and the EPDS as a whole has conceptual, ethical, functional and measurement equivalence as behaviours, attitudes, values, sentiments and words make sense and acquire meaning only within the context of the culture in which they are expressed.

As these translated versions have not been validated, caution must be used when interpreting results.

Guidelines for using Translated EPDS versions

When using the EPDS, it is important to remember that the EPDS is a screening test. The EPDS should not be regarded as a diagnostic tool as the positive predictive values are often relatively low (between 40-50%). A high or a low EPDS score does not necessarily mean ‘that a woman has depression. It cannot replace clinical judgment, nor does it provide a differential diagnosis of mental disorder’ (Cox & Holden, 2003, p. 61).
The benefits of using the EPDS routinely in clinical practice include:

- raising awareness of the possibility of PND among health professionals, women and families; permission to speak and listen; helping women and partners discuss negative feelings; and an opportunity for prevention and early intervention
- providing additional information when making referrals; improving liaison among professionals; identifying service needs
- using a structured approach to identify and clarify depressive symptoms; and monitoring outcomes of treatment (Cox & Holden, 2003, p.60-61).

Guidelines for using translated EPDS versions are similar to using the English-EPDS version.

- the EPDS should only be used by professionals who have been trained in the detection and management of PND and of conducting a clinical interview
- the mother should be ensured privacy in completing the EPDS and during assessments and the EPDS should never be used in an open clinic area or posted to mothers
- literacy level, cultural background and language difficulties should be considered before using the EPDS
- the professional should discuss the responses one by one, being alert to clinical impressions
- a clinical interview that identifies the symptoms of depression from DSM-IV should be used to ascertain depressive symptoms, as well as, discussion of physical, social and emotional causes for the symptoms so that appropriate interventions are identified (Cox & Holden, 2003, pp. 63-64).

Specific cultural issues to consider when the translated EPDS is used in health services include:

- the translated EPDS versions ‘may be explained by an interpreter to open the subject for discussion’ (Cox et al, 2003 p.66).
- it will be important to find out that the woman has adequate literacy skills and is able to read the translated EPDS version before being given the questionnaire. An interpreter may be needed to help with this.
- health professionals will need experience to work effectively with interpreters and when communicating through a third person.
- interpreters need to have experience and training to work with health professionals in a health.
- research validating the use of the EPDS confirms the need for women to complete the EPDS in privacy as women who are depressed are less likely to be identified when family, friends and/or community members can see, or hear, or assist women to complete the EPDS.
ABOUT THIS RESOURCE

- the clinical interview and assessment needs to be conducted from a cultural perspective.
- interpreters should encourage the women to read the questions themselves. Interpreters must not help the woman make decisions, only encourage.
- bilingual health professionals should read the questions on the translated EPDS verbatim.
- practitioners need to be aware that some women are not used to completing questionnaires for themselves and may need support.
- be aware of cultural issues: words to use e.g. sadness not depression might be more appropriate in some cultures; be aware of the meaning of depression in the community.

The practitioner needs to be involved in proactive community planning to identify how the above Guidelines will be implemented for women who cannot speak English and to build genuine relationships with women and communities.
ABOUT THIS RESOURCE

THE EDINBURGH POSTNATAL DEPRESSION SCALE
(NOT VALIDATED TRANSLATIONS)

1. Afaan Oromo - Ethiopia
2. Amharic
3. Czech
4. Farsi/Persian
5. Filipino/Tagalog
6. Greek
7. Hebrew
8. Hindi
9. Indonesian
10. Khmer/Cambodian
11. Korean
12. Macedonian
13. Myanmar/Burmesse
14. Serbian
15. Slovenian
16. Somali
17. Thai
18. Urdu
Maaltuu sitti dhaga’amaa jira?
Dhiheenya kana mucaa da’uu kee iraa kan ka’e amma maaltuu akka sitti dhaga’amaa jiru baruu barbaanna. Maaloo kan har’a sitti dhaga’ame qofa osoo hintaane, guyyaa 7 darban keessaa kan sitti dhaga’amaa ture deebii ibsuu danda’u yokaan ammoo kan itti dhihaatu jala muti. Fakeenyi armaan gaddii akkaataa deebichi itti guutamuu agarsiisa.

Ani gammadaan jira:

- **Eyyee, yeroo hedduu nan gammada**
- **Eyyee, yeroo tokko-tokko nan gammada**
- **Lakkii, yeroo hedduu miti hingammadu**
- **Lakkii, yeroo tokkoyyuu hingammadu.**

Kana jechuun: ‘torban darbe keessa yeroo tokko tokko gammadaan turee jechuudha’

Maaloo gaaffilee kaanis akkataadhuma fakkeenyaa kanaan guuti.

**Guyyaa 7 darbaan keessatti**

1. **Kolfuu fi waan nama kofalchiisan arguu danda’eera:**
   - Hangumaan yeroo kaan godhuu danda’u
   - Hanga yeroo kaanii gochuu hindanda’u
   - Amma yeroo hedduu hinkolfu
   - Amma tasumaa hinkolfu

2. **Gammachuudhanin waan tokko-tokko gara fuul-duraatti ilaalaal jira:**
   - Hangumaan duraan godhaa ture
   - Kanaan duraan godhu irraa gadi
   - Kan duraanii irraa haalan gadi
   - Tasuma akkas hingodhu

3. **Yeroo waan tokko tokko karaa irraa ka’atan gar-maleen of balaaleffadha:**
   - Eyyee, yeroo hedduu
   - Eyyee, yeroo tokko-tokko
   - Lakkii, yeroo hedduu miti
   - Lakkii, tasumaa akkana hingodhu

4. **Sababa gahoo/amansiisoo hintaaneeefin yeroo hedduu cinqama:**
   - Lakkii, tasayyuu akkana hingodhu
   - Hedduu akkas godhee hinbeeku
   - Eyyee, yeroo tokko-tokko
   - Eyyee, yeroo hedduu

(Maaloo gaaffilee 5-10 dugda qoola kana irra jiran deebisi)
5. Sodaanii fi naasuun sababa gahoo/amansisoo malee natti dhaga’amu:
   Eyyee, yeroo hedduu
   Eyyee, yeroo tokko-tokko
   Lakki, yeroo hedduu miti
   Lakki, tasayyuu natti hindhaga’aman

6. Waanni marti na yaaddeesu:
   Eyyee, yeroo hedduu irraa dandamachuu hindandeenyee
   Eyyee, yeroo tokko-tokko akka duri kiyyaatti irraa dandamachuu hindandeenyee
   Lakki, yeroo hedduu akkuma duraanii kiyyaatti garrii godheen dandamachaa jira
   Lakii, akkuma duraanii kiyyaatti garrii godhee dandamachaa jira

7. Gar-malee gammachuq qabaachaa waanan hinjurreef irriba rafuu irratti rakkiina qabaachaa jira:
   Eyyee, yeroo hedduu
   Eyyee, irra deddeebi’ee
   Yeroo hedduu miti
   Lakki, tasa akkas ta’ee hinbeeku

8. Gaddi yokaan ammoo yaadni samuu nama rakku natti dhaga’amaa jira:
   Eyyee, yeroo hedduu
   Eyyee, irra deddeebi’ee
   Yeroo hedduu miti
   Lakki, tasa akkas godhee hinbeeku

9. Waanaan gammachuq qabaachaa hinjurreef na boosisaa jira:
   Eyyee, yeroo hedduu
   Eyyee, irra deddeebi’ee
   Yeroo tokko-tokkko gofa
   Lakki, tasa akkas godhee hinbeeku

10. Yaadni ‘ofi-miidhi’ naa jedhu natti dhaga’amaa jira
    Eyyee, irra deddeebi’ee
     Yeroo tokko-tokko
     hedduu miti
     Ta’ee hinbeeku
The Afaan Oromo version of the EPDS is a direct translation of the English-EPDS version and has not been validated.

The recommended cut-off point is 9/10

A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.
Countries where Afaan Oromo spoken:

- Egypt
- Ethiopia
- Kenya
- Somalia
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – AMHARIC)

Full name: ______________________ Date: ______________________

ምን ከነት እና ይስማዎታል؟

በቅርብ እድ እስማዎታል በዓል ያስማዎት ይታወርስ። ከልወቅ ይታዘጋል ከም እና ይስማዎታል በዓል ይታወርስ። በእል ያስማዎት በ7 ይታወርስ ይታለረባ ከነት ከስማዎት ከልወቅ ከም ከልወቅ ይታወርስ። ከልወቅ ይታወርስ።

ሸ ባለፉት ቤት ይታወርስ ከልወቅ ከም ከልወቅ ይታለረባ ከነት ከስማዎት ከልወቅ ይታወርስ። ከልወቅ ይታወርስ። ከልወቅ ይታወርስ。</th>
5. የማይረባ የምክንያት ያርሃትና ይሰማኝም፡ ከምን ያለዋል። ከምን ከእር ከእር ከእስካም ያለዋል። ከእስካም ከእስካምም

6. የለወ ይታረወ ያርሰማኝም፡ ከምን ከእር ከእር ከእር ያለዋል። ከእር ከእር ከእር ያለዋል። ከእር ከእር ከእር ያለዋል። ከእር ከእር ከእር ያለዋል። ከእር ከእር ከእር ያለዋል። ከእር ከእር ከእር ያለዋል። ከእር ከእር ከእር ያለዋል። ከእር ከእር ከእር ያለዋል። ከእር ከእር ከእር ያለዋል። ከእር ከእር ከእር ያለዋል።


8. የለወ ያለው ያለው ያለውም፡ ከምን ያለዋል። ከምን ከእር ከእር ያለዋል። ከእስካም ያለዋል። ከእስካም ያለዋል.ls

9. የለወ ያለው ያለባ ያለውና፡ ከምን ከእር ከእር ያለዋል። ከእር ከእር ያለዋል። ከእር ከእር ያለዋል.ls


The Amharic version of the EPDS is a direct translation of the English-EPDS version and has not been validated.

The recommended cut-off point is 9/10

A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.
Countries where Amharic is spoken:

- Egypt
- Ethiopia
- Kenya
- Somalia
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – CZECH)

Full name: ___________________________ Date: __________________

Jak se cítíte?
Poněvadž se Vám nedávno narodilo dítě, rádi bychom se Vás zeptali, jak se nyní cítíte. Podškrtněte prosím tu odpověď, která nejlépe vyjádřuje Vaše pocity během posledních 7 dnů, ne jenom to jak se cítíte dnes. Zde je již hotový příklad:

Citila jsem se šťastná:
   Ano, většinu času
   Ano, někdy
   Ne, ne příliš
   Ne, vůbec ne

To by znamenalo: „Během posledního týdne jsem občas byla šťastná.”

Stejným způsobem odpovězte prosím i na další otázky.

Během posledních 7 dnů

1. Bylajsem schopná se smát a vidět věci i z jejich veselé stránky:
   Stejně jako dříve
   Ne tak často jako dříve
   Rozhodně ne tak často jako dříve
   Vůbec ne

2. Těšila jsem se na různé věci:
   Stejně jako dříve
   Poněkud méně než dříve
   Rozhodně méně než dříve
   Téměř vůbec ne

3. Zbytečně jsem si vyčítala, když se něco nepovedlo:
   Ano, většinu času
   Ano, někdy
   Ne příliš často
   Ne, nikdy

4. Bezdůvodně jsem byla znepokojená nebo jsem si dělala obavy:
   Ne, vůbec ne
   Téměř nikdy
   Ano, někdy
   Ano, hodně často
5. Bezdůvodně jsem měla strach nebo jsem zpanikařila:
   Ano, často
   Ano, někdy
   Ne, ne příliš
   Ne, vůbec ne

6. Věci mě přerůstaly přes hlavu:
   Ano, většinu času jsem se vůbec nedovedla vypořádat se situací
   Ano, někdy jsem se nedovedla zcela vypořádat se situací
   Ne, většinu času jsem se docela dobře dovědla vypořádat se situací
   Ne, dovědla jsem se vypořádat se situací stejně jako jindy

7. Byla jsem tak nešťastná, že jsem měla potíže se spánkem:
   Ano, většinu času
   Ano, hodně často
   Ne příliš často
   Ne, nikdy

8. Byla jsem smutná nebo skličená:
   Ano, většinu času
   Ano, hodně často
   Ne příliš často
   Ne, vůbec ne

9. Byla jsem tak nešťastná, že jsem plakávala:
   Ano, většinu času
   Ano, hodně často
   Pouze zřídka
   Ne, nikdy

10. Napadla mne myšlenka na sebeubližení:
    Ano, hodně často
    Někdy
    Těměř nikdy
    Nikdy

The Czech version of the EPDS has been used by researchers to study the prevalence of perinatal depression.

The recommended cut-off point is 12/13

A score of 13 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. The Czech-EPDS version was used by Dragonas et al in a longitudinal study of women using a cut-off of 12/13. The recommended cut-off point is based on this research.

References of Published Studies using the EPDS
Countries where Czech is spoken:

- Canada
- Czech Republic
- Germany
- Slovakia
- United States
§سنجش افسردگی پس از زایمان به روش ادینبرگی

نام و نام خانوادگی: ________________________________ تاریخ: ________________________________

جه احساسی دارید؟

بهای نمود که شما به تازگی زایمان نموده اید، ما علامتنامی بدانم در حال حاضر جه احساسی دارید. لطفاً در جواب‌های را که نامیش دهیده احساسی نمایه، به طرف حاضر بلکه در هفت روز گشته می‌باشد، خط‌بندی‌کنید.

این پیک نمونه از سوال‌های است که جواب داده‌شده است:

من احساس شادی کرده‌ام:
- به، اکثر اوقات
- به، گاهی اوقات
- خیر، نه زیاد
- خیر، ابتدا

که به‌نین معنی است: "من در طول هفت گشته گذشته، گاهی اوقات احساس خوشحالی کرده‌ام"

لطفاً باقی سوالات را به همین طریق کامل نمایید.

در هفت روز گذشته:

1 - توانستم به‌خاطر وطنر به مسائل به بینم:

به‌مان اندوزه که هنیشه می‌توانستم
در حال حاضر به نقصان
بطری قطع در حال حاضر نمی‌توانم

ایدا

2 - باید در انتظار اتفاقات روزمره بوده‌ام:

به‌مان اندوزه که هنیشه لندی می‌پرداز
تقربین کردار از آنچه عادت داشتم
مطمن کردن از گشته

ایدا

3 - وقتی که مسائل بستری پیش نمیرود، خودم را سرزنش کرده‌ام:

به، اکثر اوقات
به، گاهی اوقات
در اکثر اوقات، خیر
خیر، هرگز

(لطفاً به سوالات 4-10 در پشت این صفحه پاسخ دهید)

4. - بدون ناراحتی و نگرانی:

- خوب، ابتدا
- خوب، بقیه بهترین
- خوب، گاهی اوقات
- خوب، معمولاً

5. - بدون دلیل خاص احساس تنش و وحشت کرده ام:

- خوب، بهترین
- خوب، گاهی اوقات
- خوب، نه زیاد
- خوب، ابتدا

6. - مسائل بر مبنای فلسفه میکانیک:

- خوب، اکثر اوقات نتوانسته ام با مسائل بخوئی مواد را شویند
- خوب، گاهی اوقات نتوانسته ام مانند سایر با مسائل بخوئی دیگر
- خوب، اغلب اوقات بالاخره توانسته ام از عده مسائل بر آمیخته، مانند همیشه به مسائل کار کرده ام.

7. - بد، اکثر اوقات افسردگی یا بی‌خوابی کرده ام:

- بد، اغلب
- بد، گاهی اوقات
- بد، ابتدا

8. - از احساس غم و بی‌خوابی گی کرده ام:

- بد، اکثر اوقات
- بد، اغلب
- بد، اکثر اوقات
- بد، ابتدا

9. - معانی غم و اندوه ام انقدر زیاد کرده که گرچه کرده ام:

- بد، اکثر اوقات
- بد، اغلب
- فقط گاهی اوقات
- بد، هرگز

10. - فکر صمد به زدن بخودی به مغز خطر کرده است:

- اغلب اوقات
- گاهی اوقات
- خوبی بگذارد
- هرگز
The Farsi/Persian version of the EPDS is a direct translation of the English-EPDS version and has not been validated.

The recommended cut-off point is 9/10

A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.
Countries where Farsi/Persian is spoken:

- Afghanistan
- Australia
- Austria
- Azerbaijan
- Bahrain
- Canada
- Denmark
- France
- Germany
- Greece
- India
- Iran
- Iraq
- Israel
- Netherlands
- Oman
- Qatar
- Saudi Arabia
- Spain
- Sweden
- Tajikistan
Kumusta na ang iyong pakiramdam?
Sa dahilang ikaw ay nanganak kamakailan lamang, nais naming malaman kung ano ang iyong pakiramdam sa ngayon. Mangyari lamang na guhitan ang sagot na pinakamalapit sa iyong naramdaman sa nakaraang 7 araw, hindi lamang ang iyong nararamdaman sa ngayon. Narito ang isang halimbawa, na nasagutan na:
   Ako ay nakaramdam ng kaligayahan:
      Oo, kadalasan
      Oo, minsan
      Hindi, hindi gaano
      Hindi, hindi ni minsan

Nangangahulugan ito na: ‘Minsan ako ay nakaramdam ng kaligayan sa nakaraang linggo.’

Mangyari lamang na kumpletohin ang iba pang mga katanungan sa parehong paraan.

Sa nakaraang 7 araw

1. Nagawa kong tumawa at nakita ko ang nakakatuwang bahagi ng mga bagay:
   Kasing dalas ng palagi kong ginagawa
   Hindi na gaano kadalas sa ngayon
   Talagang hindi na gaano kadalas sa ngayon
   Hindi ni minsan

2. Umaasa ako na masisisihan sa mga bagay:
   Kasing dalas ng dati kong ginagawa
   Hindi na gaano kadalas katulad ng dati kong ginagawa
   Talagang di na gaano kadalas katulad ng dati kong ginagawa
   Bibihirang mangyari

3. Sinisi ko ang aking sarili kapag may mga maling bagay na nangyari:
   Oo, kadalasan
   Oo, minsan
   Hindi gaanoong madalas
   Hindi, hindi kailanman

(Pakisagutan ang mga tanong(5-10) sa likod ng pahinang ito)
4. Nag-alala ako o nabalisa nang walang magandang kadahilanan:
   Hindi, hindi ni minsan
   Bibihirang mangyari
   Oo, kung minsan
   Oo, napakadalas

5. Nakaramdam ako ng takot o biglang pagkatakot nang walang magandang dahilan:
   Oo, napakadalas
   Oo, paminsan-minsan
   Hindi, hindi gaanong malasasasay
   Hindi, hindi ni minsan

6. Nahihirapan akong makayanan ang mga bagay:
   Oo, kadalasan ay hindi ko nakakayan ang mga bagay
   Oo, paminsan-minsan ay hindi ko nakakayan ang mga bagay nang kasing husay ng dati
   Hindi, kadalasan ay nakakayan ko nang mahusay ang mga bagay
   Hindi, nakakayan ko nang mga bagay katulad ng palagian

7. Naging sobrang malungkutin ako kaya nahirapan ako sa pagtulog:
   Oo, kadalasan
   Oo, napakadalas
   Hindi gaanong malasasasay
   Hindi, hindi kailanman

8. Nakaramdam ako ng lungkot at pagiging kahabag-habag:
   Oo, kadalasan
   Oo, napakadalas
   Hindi gaanong malasasasay
   Hindi, kailanma’y hindi

9. Naging malungkutin ako na naging dahilan ng aking pag-iyak
   Oo, kadalasan
   Oo, napakadalas
   Paminsan-minsan lamang
   Hindi, kailanma’y hindi

10. Ang pag-iisip na saktan ang aking sarili ay nangyari sa akin:
    Oo, napakadalas
    Paminsan-minsan
    Bibihirang mangyari
    Hindi kailanman

The Edinburgh Postnatal Depression Scale
(Translation – Filipino/Tagalog)

The Filipino/Tagalog version of the EPDS is a direct translation and has been used by researchers to study the prevalence of perinatal depression.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES
1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.

2. The Filipino/Tagalog version has been used in research, however, a cut-off was not specified.

References of Published Studies using the EPDS
Countries where Filipino/Tagalog is spoken:

- Canada
- Guam
- Midway Islands
- Philippines
- Saudi Arabia
- United Arab Emirates
- United Kingdom
- United States
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – GREEK)

Πώς αισθάνεστε;
Μετά από την πρόσφατη γέννηση του παιδιού σας, θα θέλαμε να μάθουμε πώς αισθάνεστε τώρα. Παρακαλώ υπογραμμίστε την απάντηση που αντίστοιχεί πλησιέστερα στο πώς αισθανόσαστε τις περασμένες 7 ημέρες, όχι μόνο στο πώς αισθάνεστε σήμερα. Να ένα παράδειγμα, που είναι ήδη συμπληρωμένο:

Αισθανόμουν χαρούμενη:
- Ναι, το περισσότερο χρονικό διάστημα
- Ναι, μερικό χρονικό διάστημα
- Όχι, όχι τόσο πολύ
- Όχι, καθόλου

Αυτό θα εννοούσε: «Αισθάνθηκα χαρούμενη για μερικό χρονικό διάστημα κατά την περασμένη εβδομάδα».

Σας παρακαλούμε να συμπληρώσετε τις υπόλοιπες ερωτήσεις κατά τον ίδιο τρόπο.

Τις τελευταίες 7 ημέρες

1. Μπορούσα να γελώ και να βλέπω την αστεία πλευρά της ζωής:
   - Όπως πριν
   - Αργότερο από πριν
   - Πολύ λιγότερο από πριν
   - Καθόλου

2. Έβλεπα το αύριο με ενθουσιασμό:
   - Όπως και πριν
   - Μάλλον λιγότερο από πριν
   - Πολύ λιγότερο από πριν
   - Σχεδόν καθόλου

3. Κατηγορούσα άδικα τον εαυτό μου για πράγματα που πήγαν στραβά:
   - Ναι, όλη την ώρα
   - Ναι, αρκετά συχνά
   - Όχι πολύ συχνά
   - Όχι, ποτέ

4. Ένιωθα άγχος ή ανησυχία χωρίς σοβαρό λόγο:
   - Όχι, καθόλου
   - Σχεδόν ποτέ
   - Ναι, μερικές φορές
   - Ναι, πολύ συχνά
5. Ένιωθα φόβο ή πανικό, χωρίς σοβαρό λόγο:
   Ναι, πολύ συχνά
   Ναι, μερικές φορές
   Όχι, όχι συχνά
   Όχι, καθόλου

6. Με πήρε η κάτω βόλτα (ένιωθα πολύ πεσμένη):
   Ναι, τις περισσότερες φορές δεν ήμουν σε θέση να τα βγάλω πέρα καθόλου
   Ναι, μερικές φορές δεν τα βγάζω πέρα τόσο καλά όσο συνήθως
   Όχι, τις περισσότερες φορές τα έβγαλα πέρα αρκετά καλά
   Όχι, τα βγάζω πέρα καλά, όπως πάντα

7. Ήμουν τόσο στενοχωρημένη που δεν μπορούσα να κοιμηθώ:
   Ναι, σχεδόν συνέχεια
   Ναι, αρκετά συχνά
   Σπάνια
   Όχι, καθόλου

8. Ένιωθα θλιμμένη ή λυπημένη:
   Ναι, σχεδόν συνέχεια
   Ναι, αρκετά συχνά
   Σπάνια
   Όχι, καθόλου

9. Ένιωθα τόσο στενοχωρημένη που έκλαιγα:
   Ναι, όλη την ώρα
   Ναι, αρκετά συχνά
   Κάπου-κάπου
   Όχι, ποτέ

10. Μου ήρθε να βλάψω τον εαυτό μου:
    Ναι, αρκετά συχνά
    Μερικές φορές
    Σχεδόν ποτέ
    Ποτέ
The Greek version of the EPDS has been used by researchers to study the prevalence of perinatal depression.

The recommended cut-off point is 12/13

A score of 13 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES
1. The Greek-EPDS version was used by Dragonas et al in a longitudinal study of women using a cut-off of 12/13. The recommended cut-off point is based on this research.

References of Published Studies using the EPDS


Based on the information from one published prevalence study.
Countries where Greek is spoken:

- Albania
- Armenia
- Australia
- Austria
- Bahamas
- Bulgaria
- Canada
- Cyprus
- Djibouti
- Egypt
- France
- Georgia
- Germany
- Greece
- Hungary
- Italy
- Jordan
- Kazakhstan
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – HEBREW)

Full name: _________________________________ Date: __________________

איך אתה מרגישה?
לא tieten חום אלא בחום. בצעתバル מאשר הרגשה פרגונ. בקשה מתאימה קמזה להתחשב הכמזרעה המביעה ורגשותך
בשונות טיפה אשה. אליך פג שאת הרגשה ברוח.
הכל המ방송 עדозвים תבורי.

הרגשה משמה:
כן, בר תוהם
כן, הולך תופנו
לא, אל כלCorn
לא, בכלلام

האמור: 'הרגתיה משמה הולך מתו המשמשת ושבוע אשה.

בקושה שלילתי או שראש=fopenを持って זה.

 vessב שיווק התא投资额 והשבוע אשה.

1. היהי תמונת לע kızNESכיה או צעדה מהנוקט של דבסים.
   •agogות만タイム מהстат
   •רגשה פונה התחום בהזה
   •בר ימי
   •כלכל לא

2. עיפורים בחכמה לדרים שחקר.
   •agogue מסים להstopped 만나
   •רגשה מצנף רגילה
   •בר ימי
   •כלכל לא

3. האשמה או קצ理論 שאራי מתאו או דרים אם.
   •냐, ת labore
   •냐, מיתוס
   •יעדים פאונורות
   •אף פנים

4. הרגרשים חודה ואצ Territory לא
   •בר ימי
   •יעדים קורחיות מראד
   •כלכל לא
5. I’ve had little interest in sex.
6. I’ve had changes in my eating habits.
7. I’ve found it difficult to stay awake.
8. I’ve had to make a special effort to dress or make up.
9. I’ve felt that I don’t have the energy to make a special effort to dress or make up.
10. Thoughts of being different from other people.

The Hebrew version of the EPDS has been used by researchers to study the prevalence of perinatal depression.

The recommended cut-off point is 12/13

A score of 13 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. The Hebrew-EPDS version was used in Israel by Fisch et al (1997) and Glasser et al (1999) at a cut-off of 12/13. The recommended cut-off point is based on this research.

References of Published Studies using the EPDS


Countries where Hebrew is spoken:

- Argentina
- Australia
- Brazil
- Canada,
- France
- Germany
- Israel
- Palestinian West Bank and Gaza
- Panama
- United Kingdom
- United States
The Edinburgh Postnatal Depression Scale
(Translation – Hindi)

Full name: ____________________________ Date: ____________________

आप कैसा महसूस कर रहे हैं?
आपके यहाँ कुछ दिनों पहले शिशू का जन्म हुआ है, हम यह जानना चाहते हैं कि आप आप कैसा महसूस कर रहे हैं।
पिछले एक हफ्ते के दौरान आपने जैसा अनुभव किया है, उसे उत्तर को रेखांकित कीजिये, जा कि जैसा आप आज महसूस कर रहे हैं।

वहाँ एक हल किया हुआ उदाहरण दिया है:

मैं खुशी महसूस की है:
- हो, अधिकांश समय
- हो, कुछ समय
- नहीं, अक्सर
- नहीं, कभी नहीं

इसका मतलब है: मैं निश्चित एक हफ्ते के दौरान कुछ समय के लिये खुशी महसूस की।

कृपया इसी प्रकार बाकी के प्रश्नों का जवाब दें।

पिछले सप्ताह दिनों के दौरान

1. मैं हंसा पायी हूँ और बातों का मजाकिया पहलू देख पायी हूँ:
- जितना मैं सदैव करती आयी हूँ
- अब उत्तरण नहीं
- बिलकुल नहीं

2. मैं आज बाली बातों के प्रति खुशी महसूस करती हूँ:
- जितना मैं पहले कर पाती थी
- जितना पहले कर पाती थी उससे कम
- बिलकुल नहीं

3. कोई भी बात बिगाड़ जाते पर मैं अनवरत भूल से अपने को दोषी मानती हूँ:
- हो, अधिकांश समय
- हो, कुछ समय
- अक्सर
- नहीं, बिलकुल नहीं

4. परिवार का कारण ज होते पर भी मैं घबराहट या चिंता महसूस करती रहती हूँ:
- नहीं
- बिलकुल नहीं
- शायद कभी कभी
- हो, कभी कभी
- हो, अक्सर
5. पर्याप्त कारण जो होने पर भी मैं भयभीत या अत्यधिक घबराहट महसूस करती हूँ: 
हाँ, काफी ज्यादा 
हाँ, कभी कभी 
नहीं, अधिक नहीं 
नहीं, कभी नहीं

6. दिनबारी के कार्य मुझे अपने उपर बहुत भारी बोझ मालूम पड़ते हैं: 
हाँ, अधिकांश समय मैं झेल वाही पायी हूँ, 
हाँ, कभी कभी मैं पहले की तरह झेल वाही पायी हूँ, 
नहीं, अधिकांश समय मैं अच्छी तरह से झेल पायी हूँ, 
नहीं, मैं हमेशा की तरह ही झेल पायी हूँ

7. मैं इतना उदासी महसूस करती रहती हूँ कि मुझे आसानी से नींद नहीं आती: 
हाँ, अधिकांश समय 
हाँ, कभी कभी 
केवल नहीं 
नहीं, विलुप्त नहीं

8. मैं नाजुक उदास या दिब्बन रहता है: 
हाँ, अधिकांश समय 
हाँ, कभी है 
केवल नहीं 
नहीं, कभी नहीं

9. मैं इतनी दुखी रहती हूँ कि रोती रहती हूँ: 
हाँ, अधिकांश समय 
हाँ, कभी है 
केवल कभी कभी 
नहीं, कभी नहीं

10. अपने आप को लक्ष्य (आरम्भ हटता) पहुँचाने का उद्देश्य मुझे आया है: 
हाँ, अकसर है 
कभी कभी 
शायद ही कभी 
कभी नहीं
The Hindi version of the EPDS is a translation of unknown source and has not been validated.

The recommended cut-off point is 9/10

A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.

2. The cut-off was reported to have been used by Banerjee et al (1999) in correspondence to Cox, Holden and Sagovsky. The researchers found that more women with postnatal depression were identified at a cut-off of 9/10 compared with 12/13.

References of Published Studies using the EPDS
Countries where Hindi is spoken:

- Bangladesh
- Belize
- Botswana
- Canada
- Germany
- Guyana
- India
- Kenya
- Nepal
- New Zealand
- Philippines
- Singapore
- South Africa
- Suriname
- Trinidad
- Uganda
- United Arab Emirates
- United Kingdom
- United States
- Yemen
- Zambia
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – INDONESIAN)

Full name: ___________________________ Date: ___________________

Bagaimana perasaan Anda?
Karena Anda baru melahirkan, kami ingin mengetahui bagaimana perasaan Anda sekarang. Silakan menggaris-bawahi jawaban yang paling mirip dengan perasaan Anda selama 7 hari terakhir, tidak hanya perasaan Anda hari ini. Berikut adalah satu contoh yang sudah dijawab:

Saya merasa senang:
- Ya, hampir terus-menerus
- Ya, kadang-kadang
- Tidak, tidak terlalu
- Tidak sama sekali

Hal ini dapat berarti: ‘Sepanjang minggu lalu, saya sering merasa senang’.

Silakan menjawab pertanyaan-pertanyaan berikut sebagaimana di atas.

Selama 7 hari terakhir

1. Saya dapat tertawa dan melihat segi kelucuan hal-hal tertentu:
   - Seperti biasanya
   - Sekarang tidak terlalu sering
   - Sekarang agak jarang
   - Tidak sama sekali

2. Saya menanti-nanti untuk melakukan sesuatu dengan penuh harapan:
   - Hampir seperti biasanya
   - Agak berkurang dari biasanya
   - Jelas kurang dari biasanya
   - Hampir tidak sama sekali

3. Saya menyalahkan diri sendiri jika ada sesuatu yang tidak berjalan dengan baik:
   - Ya, hampir selalu
   - Ya, kadang-kadang
   - Tidak terlalu sering
   - Tidak pernah

4. Saya merasa kuatir atau berdebar-debar tanpa alasan:
   - Tidak, tidak sama sekali
   - Hampir tidak pernah
   - Ya, kadang-kadang
   - Ya, amat sering

(Silakan menjawab pertanyaan 5-10 dibalik halaman ini)
5. Saya merasa takut atau panik tanpa alasan:
   Ya, sering sekali
   Ya, kadang-kadang
   Tidak, tidak terlalu
   Tidak, tidak pernah sama sekali

6. Banyak hal menjadi beban untuk saya:
   Ya, sering kali saya sama sekali tidak dapat mengatasinya
   Ya, kadang saya tidak dapat mengatasi seperti biasanya
   Tidak, biasanya saya dapat mengatasinya dengan baik
   Tidak, saya dapat mengatasinya dengan baik seperti biasanya

7. Saya merasa tidak senang sehingga sukar tidur:
   Ya, hampir selalu
   Ya, sering
   Tidak, tidak sering
   Tidak, tidak pernah

8. Saya merasa sedih atau susah:
   Ya, hampir selalu
   Ya, sering
   Jarang
   Tidak pernah

9. Saya merasa sangat tidak senang menjadikan saya sering menangis:
   Ya, hampir selalu
   Ya, sering
   Hanya sekali-kali
   Tidak pernah

10. Pikiran untuk mencelakai diri sendiri sering muncul:
    Ya, agar sering
    Kadang-kadang
    Hampir tidak pernah
    Tidak pernah

The Indonesian version of the EPDS is a direct translation of the English-EPDS version and has not been validated.

The recommended cut-off point is 9/10

A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.
Countries where Indonesian is spoken:

- East Timor
- Indonesia
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – KHMER/CAMBODIAN)

ragen : ____________________________  ิงิงឯក : ____________________________

ដើម្បីជួយប្រកួតប្រជែងទុក្ខភាពជាតិដែលមានការបញ្ហាខាងក្រោម៖
ដើម្បីជួយជាងមិនបានធ្វើឱ្យមនុស្សមានការបញ្ហាខាងក្រោម៖
ដើម្បីជួយជាងមិនបានធ្វើឱ្យមនុស្សមានការបញ្ហាខាងក្រោម៖
ដើម្បីជួយជាងមិនបានធ្វើឱ្យមនុស្សមានការបញ្ហាខាងក្រោម៖

រូបារមាត្រូសាយនៃការបញ្ហាខាងក្រោម៖
រូបារមាត្រូសាយនៃការបញ្ហាខាងក្រោម៖
រូបារមាត្រូសាយនៃការបញ្ហាខាងក្រោម៖
រូបារមាត្រូសាយនៃការបញ្ហាខាងក្រោម៖

1- កំណត់រូបារមាត្រូសាយនៃការបញ្ហាខាងក្រោម៖
២- កំណត់រូបារមាត្រូសាយនៃការបញ្ហាខាងក្រោម៖
៣- កំណត់រូបារមាត្រូសាយនៃការបញ្ហាខាងក្រោម៖
៤- កំណត់រូបារមាត្រូសាយនៃការបញ្ហាខាងក្រោម៖

(អ្វីដែលអាចពិតប្រាកដឬនឹងប្រហែលជាច្រើនក្នុងការប្រកួតប្រជែងទុក្ខភាពជាតិ)
Version 2005-01

The Khmer/Cambodian version of the EPDS is a direct translation and has been used by researchers to study the prevalence of perinatal depression.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.

2. The Khmer/Cambodian version has been used in research, however, a cut-off was not specified.

References of Published Studies using the EPDS


Countries where Khmer/Cambodian is spoken:

- Cambodia
- Vietnam
- Laos
- Thailand
- China
- France
- United States
- Australia
기분이 어떠신가요?
귀하께서는 최근 출산을 하셨으며 저희는 귀하의 현재 감정이 어떠하신지 파악하고자 합니다. 오늘 감정이 어떠신지 하는 것이 아니라 과거 7일 동안의 감정이 어떠하였는지를 하는 것과 관련 가장 가까운 답을 밝혀야지 구하는 것입니다.

저는 행복했습니다:
예, 대개의 경우 그랬습니다.
예, 종종 그랬습니다.
아니오, 별로 그렇지 않았습니다.
아니오, 전혀 그렇지 않았습니다.

이는 과거 1주일간 가끔 행복감을 느끼셨다는 의미입니다.

마찬가지 방식으로 다른 질문에 답을 완성해 주시기 바랍니다.

과거 7일 동안
1. 저는 웃을 수 있었으며 사물의 재미있는 측면을 볼 수 있었습니다.
   가능한 한 항상 그랬습니다.
   그렇게 자주는 아닙니다만 그랬습니다.
   현재로서는 확실히 그런 편은 아닙니다.
   전혀 그렇지 못했습니다.

2. 저는 즐거운 마음으로 사물을 기대해 왔습니다.
   과거에도 그랬듯이 언제나 그랬습니다.
   과거보다는 다소 덜 그랬습니다.
   과거보다 확실히 덜 그랬습니다.
   거의 전혀 그렇지 못했습니다.

3. 일이 잘못되면 저는 지나치게 자신을 비난합니다.
   예, 대개의 경우 그렇습니다.
   예, 종종 그렇습니다.
   그다지 자주 그려지는 않습니다.
   아니오, 전혀 그렇지 않습니다.

4. 이유 없이 초조하고 불안합니다.
   아니오, 전혀 그렇지 않습니다.
   거의 그렇지 않습니다.
   예, 때때로 그렇습니다.
   예, 아주 자주 그렇습니다.

(뒷면의 5-10 번 문항에도 답해 주시기 바랍니다.)
5. 합당한 이유 없이 두려움과 공포를 느꼈습니다.
   예, 자주 그랬습니다.
   예, 종종 그랬습니다.
   아니요, 그러지 않았습니다.
   아니요, 전혀 그렇지 않았습니다.

6. 상황이 너무 박차해서 감당하기 힘든 느낌이었습니다.
   예, 대개의 경우 전혀 감당할 수 없었습니다.
   예, 종종 감당하기 힘든 느낌이었습니다.
   아니요, 대개의 경우 잘 감당해 낼 수 있었습니다.
   아니요, 늘 그런듯이 잘 감당해왔습니다.

7. 저는 너무 불행해서 수면을 잘 취할 수 없었습니다.
   예, 대개의 경우 그랬습니다.
   예, 자주 그랬습니다.
   아니요, 별로 그렇지 않았습니다.
   아니요, 전혀 그렇지 않았습니다.

8. 슬프고 비참한 느낌이었습니다.
   예, 거의 늘 그랬습니다.
   예, 자주 그랬습니다.
   아니요, 그렇게 자주 그렇지 않았습니다.
   아니요, 전혀 그렇지 않았습니다.

9. 너무 불행한 느낌이 들어 울었습니다.
   예, 대개 그랬습니다.
   예, 자주 그랬습니다.
   그저 이따금 그랬습니다.
   아니요, 전혀 그렇지 않았습니다.

10. 자해하고 싶은 생각이 들었습니다.
    예, 아주 자주 그랬습니다.
    때때로 그랬습니다.
    거의 그렇지 않았습니다.
    전혀 그렇지 않았습니다.
The Korean version of the EPDS is a direct translation of the English-EPDS version and has not been validated.

The recommended cut-off point is 9/10

A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.

Reference of Published Study Reviewing Postnatal Depression
Countries where Korean is spoken:

• Australia
• Brazil
• Canda
• China
• Japan
• Japan
• Kazakhstan
• North Korea
• Philippines
• Russia
• South Korea
• Soviet Union
• United States
• Uzbekistan
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – BURMESE)

Full name: ______________________________ Date: ______________________

ငှပ်ဖိုးကို ချစ်ချင်းရင်? အတွက် ချစ်ချင်းရင် အများကြီးကျေးဇူးကျော်လာပြီး ဆုံးဖြတ်ချက်ပြုပါ။ ဆုံးဖြတ်ချက်ကို ကျင်းပပါမည်။ ပြောင်ချက်ကိုပေးပါ။

1. မိဘများက မိရိုးစောင်ရာတွင် ချစ်ချင်းရင် သို့မဟုတ် လှည့်ချစ်ချင်းရင်?

2. ရှုံးစရာများကို ဖျင်သွင်ရာတွင်ချစ်ချင်းရင်?

3. ကျန်းမာရေးစိုးရိမ်မှုတွင်ချစ်ချင်းရင်?

4. အပြည့်အစုံတွင် ချစ်ချင်းရင်?

(ဆိုင်ရာအကြံပေးချက် ၁–၅ မီဂို)

The Myanmar/Burmese version of the EPDS is a direct translation of the English-EPDS version and has not been validated.

The recommended cut-off point is 9/10

A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.
Countries where Myanmar/Burmese is spoken:

- Myanmar (Burma)
- Thailand
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – MACEDONIAN)

Full name: ________________________ Date: ______________________

Како се чувствувате?
Доколку неодамна имавте бебе, ние би сакале да знаяме како сега се чувствувате. Ве молиме подвлечете го одговорот што е најблизу до она како се чувствувавте во изминатие 7 дена, а не само како се чувствувате денеска. Еве еден пополнет пример:

Се чувствување среќно:
- Да, најголемиот дел од времето
- Да, за извесно време
- Не, не многу
- Не, воопшто не

Ова би значело: ‘Се чувствување среќно за извесно време во текот на изминатата недела.’

Ве молиме одговорете ги останатите прашања на истиот начин.

Vo изминатите 7 дена

1. Бев во состојба да се смеам и да ја согледам смешната страна на работите:
   - Толку колку и секогаш
   - Сега не толку многу
   - Не, дефинитивно не толку многу
   - Воопшто не

2. Со задоволство бев во исчистување на нешта:
   - Така како што сум секогаш
   - Многу помалку отколку порано
   - Дефинитивно помалку отколку порано
   - Речиси воопшто не

3. Се обвинував себеси кога работите одеа во погрешен правец:
   - Да, најголемиот дел од времето
   - Да, за извесно време
   - Не многу често
   - Не, никогаш

4. Бев нервозна или загрижена без некоја добра причина:
   - Не, воопшто не
   - Речиси никогаш
   - Да, понекогаш
   - Да, многу често

(Ве молиме одговорете ги Ја ракањата 5-10 на задниот дел од страницата)
5. Се чувствував уплашено или воспаничено без некоја добра причина:
   Да, доста често
   Да, понекогаш
   Не, не многу
   Не, воопшто не

6. Работите ми претставуваа преоптоварување:
   Да, најголемиот дел од времето не бев во состојба да издржам
   Да, понекогаш не бев толку издржлива како нормално
   Не, најголем дел од времето издржував прилично добро
   Не, издржував добро како и секогаш

7. Бев толку несреќна што имав потешкотии со спиењето:
   Да, најголемиот дел од времето
   Да, доста често
   Не многу често
   Не, никогаш

8. Се чувствував тажно или мизерно:
   Да, најголемиот дел од времето
   Да, доста често
   Не многу често
   Не, воопшто не

9. Бев толку несреќна што плачев:
   Да, најголемиот дел од времето
   Да, доста често
   Само понекогаш
   Не, никогаш

10. Ми доаѓаа мисли да се повредам себеси:
    Да, доста често
    Понекогаш
    Скоро никогаш
    Никогаш
The Macedonian version of the EPDS is a direct translation of the English-EPDS version and has not been validated.

The recommended cut-off point is 9/10

A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.
Countries where Macedonian is spoken:

- Albania
- Australia
- Bulgaria
- Canada
- Greece
- Macedonia
- United States
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – SERBIAN)

Full name: ___________________________ Date: ______________________

Како се осећате?
Пошто сте недавно родили бебу ми бисмо желели да зnamо како се сада осећате. Молимо вас, подвучите одговор који најприближије описује како сте се осећали у последњих 7 дана, а не само како се данас осећате. Ево једног примера који je већ урађен:

Осећала сам се срећно:
- Да, углавном
- Да, понекад
- Не, не тако често
- Не, уопште не

Ово би значило “У току прошле недеље осећала сам се понекад срећно.“

Молимо вас одговорите на остала питања на исти начин.

У последњих 7 дана

1. Могла сам да се смејем и да видим смешну страну свега:
   - Исто као што сам и увек могла
   - Не тако често сада
   - Дефинитивно не тако често сада
   - Уопште не

2. Све сам очекивала радосно и са уживањем:
   - Исто као и пре
   - Знатно ређе него пре
   - Дефинитивно ређе него пре
   - Скоро никад

3. Кривила сам себе када нешто није било у реду:
   - Да, углавном
   - Да, понекад
   - Не тако често
   - Не, никада

4. Била сам забринута или узрујана без икаквог разлога:
   - Не, уопште не
   - Скоро никад
   - Да, понекад
   - Да, врло често

(Молимо вас одговорите на питања 5-10 на полеђини ове стране)
5. Осећала сам се преплашено или панично без икаквог разлога:
   Да, врло често
   Да, понекад
   Не, не тако често
   Не, уопште не

6. Све ми је било тешко:
   Да, углавном нисам могла да изађем на крај
   Да, понекад нисам могла да изађем на крај као обично
   Не, углавном сам изазила на крај прилично добро
   Не, изазила сам на крај добро као и увек

7. Била сам толико несрећна да ми је било тешко да спавам:
   Да, углавном
   Да, врло често
   Не тако често
   Не, никада

8. Осећала сам се тужно или јадно:
   Да, углавном
   Да, врло често
   Не тако често
   Не, уопште не

9. Била сам толико несрећна да сам плакала:
   Да, углавном
   Да, врло често
   Само повремено
   Не, никада

10. Мисли о самоповреди су ми падале на памет:
    Да, веома често
    Понекад
    Скоро никад
    Никад
The Serbian version of the EPDS is a direct translation of the English-EPDS version and has not been validated.

The recommended cut-off point is 9/10

A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.
Countries where Serbian is spoken:

- Albania
- Australia
- Austria
- Bosnia-Herzegovina
- Bulgaria
- Canada
- Croatia
- Germany
- Greece
- Hungary
- Italy
- Kossovo
- Macedonia
- Montenegro
- Romania
- Russia (Europe)
- Serbia
- Slovakia
- Slovenia
- Sweden
- Switzerland
- Turkey
Kako se počutite?
Ker ste pred nedavnim dobili otročka, bi mi radi ugotovili kako se sedaj počutite. Prosimo da podčrtate odgovor, ki najbližje opiše kako ste se počutili ne samo danes, ampak zadnjih 7 dni. Tu je izpolnjen primer:

Počutila sem se srečno:
   Ja, večinoma
   Ja, včasih
   Ne, ne preveč
   Ne, splošn ne

To bi pomenilo: ‘Včasih med zadnjim tednom sem se počutila srečno.’ Prosimo da izpolnite druga vprašanja na isti način.

V zadnjih 7 dneh.

1. Uspelo mi je se nasmejati in videti smešno plat stvari:
   tako, kot mi je vedno uspelo
   manj kot prej
   veliko manj kot prej
   splošn ne

2. Veselila sem se stvari:
   tako, kot sem se vedno
   manj kot prej
   precej manj kot prej
   skoraj ne

3. Obremenjevala sem se, kadar so šle stvari narobe:
   ja, večino časa
   ja, nakaj časa
   redko
   ne, nikoli
4. Brez pravega razloga sem bila tesnobna in zaskrbljena:
   ne, sploh ne
   komaj kdaj
   ja, včasih
   ja, zelo pogosto

5. Brez pravega razloga sem se počutila prestrašeno in panično:
   ja, zelo pogosto
   ja, včasih
   redko
   ne, sploh ne

6. Stvari so se mi nakupičile:
   ja, večino časa jih nisem mogla obvladati
   ja, včasih jih nisem obvladala tako dobro kot prej
   ne, večino časa sem jih dobro obvladala
   ne, obvladala sem jih tako dobro kot vedno

7. Bila sem tako nesrečna, da sem slabo spala:
   ja, večino časa
   ja, precej pogosto
   redko
   ne, sploh ne

8. Počutila sem se žalostno ali nesrečno:
   ja, večino časa
   ja, precej pogosto
   redko
   ne, sploh ne

9. Bila sem tako nesrečna, da sem jokala:
   ja, večino časa
   ja, precej pogosto
   občasno
   ne, nikoli.

10. Pomislila sem, da bi si kaj naredila:
    ja, precej pogosto
    včasih
    skoraj nikoli
    nikoli

The Slovenian version of the EPDS is a direct translation of the English-EPDS version and has not been validated.

The recommended cut-off point is 9/10

A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.
Countries where Slovenian is spoken:

- Argentina
- Australia
- Austria
- Canada
- Croatia
- Hungary
- Italy
- Slovenia
- United States
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – SOMALI)

Full name: ________________________________ Date: ____________________

Sideed dareemeyso?
Maadaama aad dhowaan ilmo dhashay, sida aad haatan dareensan tahay ayaan jeclaan lahayn in aan wax ka ogaanno. Fadlan hoosta ka xariiq jawaabta ugu dhow ee cabiraysa sida dareenkaagu ahaa todobadii maalmoog ee la soo dhaafay. Sida tusaalaha jawaababahan ka muuqata oo kale:

Waxaa qabay dareen farxadeed:
- Haa, inta badan
- Haa, mararka qaar
- Maya, in aan badneyn
- Maya, Marnaba

Tan micneheedu waa: ‘Todobaadkii tagay dhexdiisa mararka qaar ayaan faraxsanaa.’

Fadlan sidaas oo kale uga jawaab su’aalaha kale.

7dii maalmoog ee la soo dhaafay

1. Waan qosli jiray dhinaca fiicanna wax baan ka arki jiray:
   - Markasta in alla iyo inta aan doono
   - Sidaas haatan umasii badna
   - Wax badan oo la sheego maahan
   - Marnaba

2. Waxyaabaha igu soo fool leh yididiilo farxadeed ayaan ku sugi jiray:
   - Sidii weligayba aan ahaa
   - Sidii hore si xoogaa ka yara houseysa
   - Hubaal in badan si ka yar sideydii hore
   - Marnaba

3. Marka wax khalbamaan nafteydaan ku canaantaa:
   - Haa, inta badan
   - Haa, mararka qaar
   - Inta badan maya
   - Maya, marnaba

4. Sabab la’aan ayaan walaac iyo walwal dareemaa:
   - Maya, marnaba
   - Wey adag tahay
   - Haa, mararka qaar
   - Haa, inta badan

(Fadlan ka jawaab su’alaaha 5-10 ee ku qoran boggan dhiniciisa kale)
5. Sabab macno leh oon jirin ayaan dareemaa baqdin iyo argagax:
   Haa, inta badan
   Haa, mararka qaar
   Maya, in aan badneyn
   Maya, marnaba

6. Wax kasta culeys ayey igu ahaayeen:
   Haa, inta badanna uma dulqaadan karin
   Haa, mararka qaar sidii caadiga aheyd uguma dulqaadan karin
   Maya, inta badan si wacan ayaan ugu dulqaadan jiray
   Maya, Sideydii hore oo kale ayaan ugu dulqaadan jiray

7. Farxaddii wey iga guurtay ilaa heer aan hurdo seexan waayo:
   Haa, inta badan
   Haa, ilaa xad
   Maya, marnaba

8. Murugo ayaan ku sugnaa:
   Haa, inta badan
   Haa, ilaa xad
   In badan maya
   Maya, marnaba

9. Farxaddii wey iga guurtay ilaa heer aan iska ooyo:
   Haa, inta badan
   Haa, ilaa xad
   Marar dhif ah
   Maya, marnaba

10. In aan is waxyeelleeyo nafteyda wey igu soo dhacday:
    Haa, marar badan
    Mararka qaar
    Wey adkeyd
    Marnaba
The Somali version of the EPDS is a direct translation of the English-EPDS version and has not been validated.

**The recommended cut-off point is 9/10**

A score of 10 or higher may indicate that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

**NOTES**

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.
Countries where Somali is spoken:

- Djibouti
- Ethiopia
- Finland
- Italy
- Kenya
- Saudi Arabia
- Somali
- Sweden
- United Arab Emirates
- United Kingdom
- Yemen
ลำดับขั้นตอนเบื้องต้นที่ใช้รับความรู้สึกหลุดหลังคลอด

(TRANSFORMED THE EDINBURGH POSTNATAL DEPRESSION SCALE)
(แปล – ภาษาไทย)

ชื่อเด็ก: ____________________________________________________________________
วันที่: ____________________________________________________________________

คุณกำลังรู้สึกอย่างไรบ้าง?
เนื่องจากคุณเพิ่งคลอดลงมาไม่นานนี้ เราจึงอยากทราบว่าคุณกำลังรู้สึกอย่างไร โปรดชี้น้ำได้คำตอบที่ใกล้เคียงกับความรู้สึกของคุณในรอบ 7 วันที่ผ่านมา คือไม่ใช่ความรู้สึกเฉพาะวันนี้เท่านั้น ต่อไปนี้คือตัวอย่างการชี้น้ำได้คำตอบ:

เห็นรู้สึกความสุข:
ใช่ เกือบทั้งหมด
ใช่ บางส่วน
ไม่ ใด่ยที่쁨
ไม่ ไม่ทั้งหมด

คำตอบนี้หมายความว่า “เห็นรู้สึกความสุขเป็นบางครั้งระหว่างสัปดาห์ที่แล้ว”

โปรดตอบคำถามต่อไปตามวิธีดังกล่าวต่อไปนี้:

1. เฉลยสามารถหัวเราะและมองดูสิ่งต่างๆ ในแง่ที่ขบขัน: เท่าที่ฉันสามารถทำได้เหมือน:
   เท่าที่ฉันเคยทำได้เสมอๆ
   ตอนนี้ไม่สามารถทำได้มากเหมือนอย่างที่เคยทำ
   ตอนนี้ที่แน่ๆ คือไม่สามารถทำได้เหมือนอย่างที่เคยทำ
   ไม่สามารถทำได้เลย

2. เฉลยมองไปข้างหน้าเพื่อความเพลิดเพลินใจกับสิ่งต่างๆ:
   เท่าที่ฉันเคยทำ
   น้อยลงกว่าที่เคยทำ
   ที่แน่ๆ การนั้นลดลงกว่าที่เคยทำ
   เรียกว่าไม่เป็น

3. เฉลยโทษตัวเองเมื่อเหตุการณ์เลวร้ายเกิดขึ้น:
   ใช่ เกือบทั้งหมด
   ใช่ บางส่วน
   ไม่บ่อย
   ไม่เลย

4. เห็นรู้สึกความเรียกร้องหรือกังวลโดยไม่มีเหตุผลสาเหตุ:
   ไม่ ไม่รู้สึกชิน
   ไม่ค่อยจะรู้สึกชิน
   ใช่ เป็นบางครั้ง
   ใช่ บ่อยมาก

5. ฉันรู้สึกหวั่นไหวหรือตกใจโดยไม่มีเหตุผลสมควร:
ใช่ ประมาณกึ่งเดียว
ใช่ เป็นบางครั้ง
ไม่ ไม่ยอมรับ
ไม่ ไม่เคยเป็นเช่นนั้นเลย

6. มีเรื่องต่างๆ เกิดขึ้นที่มันไม่เป็นไปตาม:
ใช่ สวมมากันไม่สามารถรับมือกับเรื่องเหล่านี้ได้เลย
ใช่ บางครั้งก็ไม่สามารถรับมือกับเรื่องเหล่านี้ได้เหมือนอย่างปกติ
ไม่ สวมมากันสามารถรับมือกับเรื่องต่างๆได้ดี
ไม่ กล้าสามารถรับมือกับเรื่องต่างๆได้เหมือนเช่นเคย

7. ฉันไม่มีความสุขมากๆ จนนอนไม่หลับ:
ใช่ สวมมากับป่วยเนื้อ
ใช่ เป็นเช่นนี้เป็นเวลานาน
ไม่ ไม่เคยเป็นเช่นนี้เลย
ไม่ ไม่เคยเป็นเช่นนั้นเลย

8. ฉันรู้สึกเศร้าใจและไม่มีความสุข:
ใช่ สวมมากับป่วยเนื้อ
ใช่ เป็นเช่นนี้เป็นเวลานาน
ไม่ ไม่เคยเป็นเช่นนี้เลย
ไม่ ไม่เคยเป็นเช่นนั้นเลย

9. ฉันไม่มีความสุขจนเกิดกับต้องร้องไห้:
ใช่ สวมมากับป่วยเนื้อ
ใช่ เป็นเช่นนี้เป็นเวลานาน
เป็นบางครั้งเท่านั้น
ไม่ ไม่เคยเป็นเช่นนั้น

10. ความคิดที่จะทำร้ายตัวเองเคยเกิดขึ้นกับฉัน:
ใช่ เกิดขึ้นเกือบทุกวัน
เป็นบางครั้ง
ไม่เคยจะเกิดขึ้น
ไม่เคยเกิดขึ้นเลย
The Thai version of the EPDS has been used by researchers to study the prevalence of perinatal depression.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. The Thai-EPDS version was used by Limlomwongse et al using a cut-off of 9/10. The recommended cut-off point is based on this research.

References of Published Studies using the EPDS
Countries where Thai is spoken:

- Midway Islands
- Singapore
- Thailand
- United Arab Emirates
- United States
THE EDINBURGH POSTNATAL DEPRESSION SCALE
(TRANSLATION – URDU)

Full name: ___________________________ Date: ______________________

آ پ کسی محسوس کر رہی ہے؟

جیسا کہ نہر کے راحے برہنے نام لکھی ہوئی ہے، میں یہ جاننا جا سکیں کہ آپ آپ کسی محسوس کر رہے ہیں؟

میں بیٹھا ہوں جب آپ میں حاضر ہوں جس کی مطلاق بروز کے سفارت لگائے کر ہوں سے آپ کسی طعم کسی بے ہوں میں ضرور پہنچ ہوں کہ کسی محسوس کر رہی ہوں۔ دیل میں بیٹھی سے حل شدہ مثل دی جا رہی ہے۔

میں بیٹھا ہوں آپ ہوں محسوس کر رہے ہیں۔

1. گزشتہ بین بھی نبین

اپنا زندہ بچہ بے سکتی تھی اپنا زندہ نبین

بیگنا اپ کی اپنا زندہ نبین

باکل نبین

2. میں خوشی سے کسی جب کی واقع بھی کا انتظار گنتی ہوں:

اپنا زندہ بچہ بیٹھی کی کڑی ہوئی

بیٹھی سے یہ کر

بیگنا اس سے کسی کا کریں کہی

باکل نبین

3. جب کچھ غلط دو جا تو میں اپنے آپ کو لازم بنی ہوں:

اپنا بیٹھا ہوں دیا کریں نہیں

اس سے یہ کر

بیگنا اس سے کسی کا کریں کہی

باکل نبین

4. بیٹھا کسی معقول وحدت کی میں پریشان اور فکرمند رہی ہوں:

میں بالکل نبین

شادی بے کریں

یہ بیٹھی کھڑا

باکل اکثر اوقات

اس کے بعد کہرے ہوں، میں کسی کو غلط دو جا تو میں اپنے آپ کو لازم بنی ہوں۔

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5. May be any key symptom including fear of self-harm or suicide:

- Baby, baby's birth
- Crying,atellectual
- Baby, baby's words

6. Several other pointers in reverse order:

- Baby, baby's face, baby's cry, baby's birthday

7. The above symptoms are noted for a week:

- Baby, baby's growth
- Baby, baby's words
- Baby, baby's words

8. If any distress is noted in the above week:

- Baby, baby's growth
- Baby, baby's words

9. Recent events noted:

- Baby, baby's growth
- Baby, baby's words
- Baby, baby's words

10. Recent events not reported:

- Baby, baby's growth
- Baby, baby's words

The Urdu version of the EPDS is a translation of unknown source and has not been validated.

The recommended cut-off point is 9/10

A score of 10 or higher indicates that depressive symptoms have been reported and that a reliable clinical assessment interview is required.

NOTES

1. A cut-off of 9/10 was chosen on the basis of the results from the original validation study of the English-EPDS (Cox and Holden, 1987). This cut-off was recommended to ensure that the majority of women with postnatal depression are detected when screened.

2. A cut-off of 11/12 was recommended in a validation study by Halepota et al (2001), however the paper did not match the abstract. The Urdu-EPDS version used in the study had been translated by the authors.

References of Published Studies using the EPDS
Countries where Urdu is spoken:

- Afghanistan
- Bahrain
- Bangladesh
- Botswana
- Fiji
- Germany
- Guyana
- India
- Malawi
- Mauritius
- Nepal
- Norway
- Oman
- Pakistan
- Qatar
- Saudi Arabia
- South Africa
- Thailand
- United Arab Emirates
- United Kingdom
- Zambia


