Review of the prevalence of postnatal depression across cultures

By: Arifin, SRM (Arifin, Siti Roshaidai Mohd)[1]; Cheyne, H [Cheyne, Helen][2]; Maxwell, M (Maxwell, Margaret)[2]

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Abstract
The purpose of this review was to examine articles related to recent epidemiological evidence of the prevalence of maternal postnatal depression (PND) across different countries and cultures and to identify specific epidemiological studies that have been carried out exclusively in Malaysia on the prevalence of maternal PND. The review was undertaken in two stages, an initial review and an updated review. At both stages systematic literature searches of online databases were performed to identify articles on the prevalence of maternal PND. A total of 124 articles concerning research conducted in more than 50 countries were included in the final analysis. There were wide variations in the screening instruments and diagnostic tools used although the Edinburgh Postnatal Depression Scale (EPDS) was the most common instrument applied to identify PND. The prevalence of maternal PND ranged from 4.0% to 63.3%, with Japan and America recording the lowest and highest rates, respectively. Within continents, a wide variation in reported prevalence was also found. The reported rates of maternal PND in Malaysia were much higher than those previously documented with a range of 6.8-27.3%. This review indicated that the widely cited prevalence of maternal PND of 10-15% underestimates rates of PND worldwide. The reasons for this variability may not be fully explained by review methods. Future studies should evaluate the nature of women's PND experiences across cultures to explain these wide variations.

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Author Information
Reprint Address: Arifin, SRM (reprint author)
Int Islamic Univ Malaysia, Dept Special Care Nursing, Kuantan, Pahang, Malaysia.

Addresses:
[1] Int Islamic Univ Malaysia, Dept Special Care Nursing, Kuantan, Pahang, Malaysia
[2] Univ Stirling, Nursing Midwifery & Allied Hlth Profess NMAHP, Stirling, Scotland

E-mail Addresses: roshaidai@iium.edu.my

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http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=329&SID=F4ykDyMdecVxh66mUwI&page=1&doc...
1. **Persian couples’ experiences of depressive symptoms and health-related quality of life in the pre- and perinatal period**  
   By: Abbasi, Marzieh; van den Akker, Olga; Bewley, Chris  
   JOURNAL OF PSYCHOSOMATIC OBSTETRICS AND GYNECOLOGY Volume: 35 Issue: 1 Pages: 16-21 Published: MAR 2014  
   Times Cited: 7

2. **Unintended Pregnancy and Postpartum Depression Among First-Time Mothers**  
   By: Abbasi, Shahed; Chuang, Cynthia H.; Dagher, Rada; et al.  
   JOURNAL OF WOMEN'S HEALTH Volume: 22 Issue: 5 Pages: 412-416 Published: MAY 2013  
   Times Cited: 18

3. **Postnatal depressive symptoms among Pacific mothers in Auckland: prevalence and risk factors**  
   By: Abbott, MW, Williams, MM  
   AUSTRALIAN AND NEW ZEALAND JOURNAL OF PSYCHIATRY Volume: 40 Issue: 3 Pages: 230-238 Published: MAR 2006  
   Times Cited: 36

4. **Postpartum mental health in relation to sociocultural practices**  
   By: Abdullahi, Fateme; Etemadinezhad, Siyosb; Lye, Mun-Nann  
   TAIWANESE JOURNAL OF OBSTETRICS & GYNECOLOGY Volume: 55 Issue: 1 Pages: 76-80 Published: FEB 2016  
   Times Cited: 3

5. **Postnatal depression in primary care populations in Nigeria**  
   By: Abiodun, OA  
   GENERAL HOSPITAL PSYCHIATRY Volume: 28 Issue: 2 Pages: 133-136 Published: MAR-APR 2006  
   Times Cited: 44

6. **Title: [not available]**  
   Group Author(s): Agency for Healthcare Research and Quality  
   Evidence-based Practice Center Systematic Review Protocol Title: Efficacy and Safety of Screening for Postpartum Depression Published: 2012 Internet  
   Times Cited: 1

7. **Symptoms of Depression Postpartum and 12 years Later-Associations to Child Mental Health at 12 years of Age**  
   By: Agnafors, Sara; Sydström, Gunilla; deKeyser, Linda; et al.  
   MATERNITY AND CHILD HEALTH JOURNAL Volume: 17 Issue: 3 Pages: 405-414 Published: APR 2013  
   Times Cited: 24

8. **Infertility History Is it a Risk Factor for Postpartum Depression in Turkish Women?**  
   By: Akyüz, Aygül; Seven, Memnun; Devran, Aysun; et al.  
   JOURNAL OF PERINATAL & NEONATAL NURSING Volume: 24 Issue: 2 Pages: 137-145 Published: APR-JUN 2010  
   Times Cited: 4

9. **Postnatal depression among Bahraini women: prevalence of symptoms and psychosocial risk factors**  
   By: Al Dailal, F. H.; Grant, I. N.  
   Eastern Mediterranean Health Journal Volume: 18 Issue: 5 Pages: 432-438 Published: MAY 2012  
   Times Cited: 14

10. **Prospective study on prevalence and risk factors of postpartum depression in Al-dakhliya governorate in Oman.**  
    By: Al Hinai, Fatma Ibrahim; Al Hinai, Saleh Saif  
    Oman medical journal Volume: 29 Issue: 3 Pages: 190-202 Published: 2014-May  
    Times Cited: 9

11. **Prevalence and psychosocial correlates of depressed mood during pregnancy and after childbirth in a Moroccan sample**  
    By: Alam, K. Mchichi; Kadri, N.; Berrada, S.  
    ARCHIVES OF WOMENS MENTAL HEALTH Volume: 9 Issue: 6 Pages: 343-346 Published: NOV 2006  
    Times Cited: 24

12. **Predictors of postpartum depression in the eastern province capital of Saudi Arabia.**  
    By: Alaseem, Lamia I.; Koura, Manal R  
    Journal of family medicine and primary care Volume: 3 Issue: 2 Pages: 146-50 Published: 2014-Apr  
    Times Cited: 9

13. **THE ASSOCIATION BETWEEN SOCIODEMOGRAPHIC CHARACTERISTICS AND POST PARTUM DEPRESSION SYMPTOMS AMONG ARAB-BEDOUIN WOMEN IN SOUTHERN ISRAEL**  
    By: Alsayyim-Zeined, Samira; Kaufman-Shriqui, Vered; Zeined, Atef; et al.  
    DEPRESSION AND ANXIETY Volume: 32 Issue: 2 Special Issue: SI Pages: 120-128 Published: FEB 2015  
    Times Cited: 12

14. **Is Maternal Depressive Symptomatology Effective on Success of Exclusive Breastfeeding During Postpartum 6 Weeks?**  
    By: Annagur, Ali; Annagur, Bilge Buracak; Sahin, Akkiz; et al.  
    Times Cited: 11
15. Prevalence and incidence of perinatal depression and depressive symptoms among Mexican women
By: Asuncion Lara, M.; Navarrete, Laura; Nieto, Lourdes; et al.
JOURNAL OF AFFECTIVE DISORDERS Volume: 175 Pages: 18-24 Published: APR 1 2015

16. Depressive and anxiety disorders in the postpartum period: how prevalent are they and can we improve their detection?
By: Austin, Marie-Paule V.; Hadzi-Pavlovic, Dusan; Priest, Susan R.; et al.
ARCHIVES OF WOMENS MENTAL HEALTH Volume: 13 Issue: 5 Pages: 395-401 Published: OCT 2010

17. Postnatal depression and socio-cultural practices among postnatal mothers in Kota Bahru, Kelantan, Malaysia.
By: Azidah, A K; Shaiful, B I; Rusli, N; et al.
The Medical Journal of Malaysia Volume: 61 Issue: 1 Pages: 76-83 Published: 2006-Mar

18. Title: [not available]
Group Author(s): BabyCenter
Indian Confinement Practices Published: 2014

19. From the third month of pregnancy to 1 year postpartum. Prevalence, incidence, recurrence, and new onset of depression. Results from the Perinatal Depression Research & Screening Unit study
By: Banti, Suzanna; Mauri, Mauro; Oppe, Annalisa; et al.
COMPREHENSIVE PSYCHIATRY Volume: 52 Issue: 4 Pages: 343-351 Published: JUL-AUG 2011

20. Postpartum Depression Symptomatology: Results from a Two-Stage US National Survey
By: Beck, Cheryl Tatano; Gable, Robert K.; Sakala, Carol; et al.
JOURNAL OF MIDWIFERY & WOMENS HEALTH Volume: 56 Issue: 5 Pages: 427-435 Published: SEP-OCT 2011

21. Maternal depression and child behaviour problems: a meta-analysis
By: Beck, CT
JOURNAL OF ADVANCED NURSING Volume: 29 Issue: 3 Pages: 623-629 Published: MAR 1999

22. A pilot study of heart rate variability biofeedback therapy in the treatment of perinatal depression on a specialized perinatal psychiatry inpatient unit
By: Beckham, A. Jenna; Greene, Tammy B.; Melzer-Brody, Samantha
ARCHIVES OF WOMENS MENTAL HEALTH Volume: 16 Issue: 1 Pages: 59-65 Published: FEB 2013

23. A STUDY OF POSTPARTUM DEPRESSION IN A FAST DEVELOPING COUNTRY: PREVALENCE AND RELATED FACTORS
By: Bener, Abdulbari; Burgut, F. Tuna; Ghuloum, Suheila; et al.
INTERNATIONAL JOURNAL OF PSYCHIATRY IN MEDICINE Volume: 43 Issue: 4 Pages: 325-337 Published: 2012

24. Women's experience of postnatal depression - beliefs and attitudes as barriers to care
By: Bilszta, Justin; Erickson, Jennifer; Buist, Anne; et al.
AUSTRALIAN JOURNAL OF ADVANCED NURSING Volume: 27 Issue: 3 Pages: 44-54 Published: MAR-MAY 2010

25. A geographic comparison of the prevalence and risk factors for postnatal depression in an Australian population
By: Bilszta, Justin L. C.; Gu, Ying Zhi; Meyer, Denny; et al.
AUSTRALIAN AND NEW ZEALAND JOURNAL OF PUBLIC HEALTH Volume: 32 Issue: 5 Pages: 426-430 Published: OCT 2008

26. Postnatal Quality of Life, Depressive Symptoms, and Social Support Among Women in Southern India
By: Bodhare, Trupti N.; Sethi, Pruthwira; Bele, Samir D.; et al.
WOMEN & HEALTH Volume: 55 Issue: 3 Pages: 353-365 Published: APR 2015

27. Postpartum depression and its psychosocial correlates: A longitudinal study among a group of women in Turkey
By: Bolak, B H; Toker, O; Kuey, L.
Women Health Volume: 56 Pages: 1-20 Published: 2015

28. Tailoring screening protocols for perinatal depression: prevalence of high risk a cross obstetric services in Western Australia
By: Brooks, Janette; Nathian, Elizabeth; Speelman, Craig; et al.
ARCHIVES OF WOMENS MENTAL HEALTH Volume: 12 Issue: 2 Pages: 105-112 Published: APR 2009
29. Violence against women by their husband and postpartum depression.
   By: Budhathoki, N; Dahal, M; Bhusal, S, et al.
   Journal of Nepal Health Research Council Volume: 10 Issue: 22 Pages: 176-80 Published: 2012-Sep
   Times Cited: 9

30. Prevalence of paternal depression in pregnancy and the postpartum: An updated meta-analysis
   By: Cameron, Emily E.; Sedov, Ivan D.; Tomfohr-Madsen, Lianne M.
   JOURNAL OF AFFECTIVE DISORDERS Volume: 206 Pages: 189-203 Published: DEC 2016
   Times Cited: 27

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