



West Middlesex University Hospital

Chelsea and Westminster Hospital **NHS**  
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## Obstetrics & Gynaecology Evidence Update

(June 2023)

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#### Reviews & Meta Analyses:

**McDonald versus Shirodkar cerclage technique in the prevention of preterm birth: A systematic review and meta-analysis** [OPEN ACCESS]

McAuliffe, Liam et al, BJOG: An International Journal of Obstetrics & Gynaecology, June 2023 130(7), pp. 702-712 [\[ABSTRACT\]](#)

**Incidence and Causes of Perinatal Death in Prenatally Diagnosed Vasa Previa: A Systematic Review and Meta-Analysis**

Conyers, Steffany et al, American Journal of Obstetrics & Gynecology, June 13 2023 [\[ABSTRACT\]](#)

**Reduced Compared With Traditional Schedules for Routine Antenatal Visits: A Systematic Review** [NHS OPENATHENS LOGIN REQUIRED]

Balk, E. M.;Danilack, V. A.;Bhuma, M. R.;Cao, W.;Adam, G. P.;Konnyu, K. J. and Peahl, A. F. Obstetrics and Gynecology, 08 Jun 2023 [\[ABSTRACT\]](#)

**Association between HbA1c Levels and Fetal Macrosomia and Large for Gestational Age Babies in Women with Gestational Diabetes Mellitus: A Systematic Review and Meta-Analysis of 17,711 Women** [OPEN ACCESS]

Mou, Sudipta et al Journal of Clinical Medicine 12(11) June 5 2023 [\[ABSTRACT\]](#)

**Exposure to biologic therapy before and during pregnancy in patients with psoriasis: Systematic review and meta-analysis** [OPEN ACCESS]

Sanchez-Garcia, V et al, Journal of the European Academy of Dermatology & Venereology, June 1 2023 [\[ABSTRACT\]](#)

**Obstetrical outcomes of pregnant women 50 years and older compared to those aged 45-49 years: A systematic review and meta-analysis** [NHS OPENATHENS LOGIN REQUIRED]

Sugai, Shunya et al, Journal of Obstetrics & Gynaecology Research, April 27 2023 [\[ABSTRACT\]](#)

## Randomised Trials:

**Heparin for women with recurrent miscarriage and inherited thrombophilia (ALIFE2): an international open-label, randomised controlled trial**

Quenby, Siobhan et al, The Lancet, June 1 2023 [\[ABSTRACT\]](#)

**Planned delivery or expectant management for late preterm pre-eclampsia in low-income and middle-income countries (CRADLE-4): a multicentre, open-label, randomised controlled trial** [OPEN ACCESS]

Beardmore-Gray, Alice et al; The Lancet, June 29 2023 [\[ABSTRACT\]](#)

**Acupuncture and Doxylamine–Pyridoxine for Nausea and Vomiting in Pregnancy: a randomized, controlled, 2x2 factorial trial**

Wu, Xiao-Ke et al Ann Intern Med, June 20 2023 [\[ABSTRACT\]](#)

## Observational and Cohort Studies:

**Neonatal mortality in NHS maternity units by timing and mode of birth: a retrospective linked cohort study** [OPEN ACCESS]

Carty, L.;Grollman, C.;Plachcinski, R.;CortinaBorja, M. and Macfarlane, A. BMJ Open, June 2023 13(6), pp. e067630 [\[ABSTRACT\]](#)

**Is there a link between infertility, miscarriage, stillbirth, and premature or early menopause? Results from pooled analyses of 9 cohort studies**

Liang, C. et al . American Journal of Obstetrics and Gynecology, July 2023 229(1), pp. 47.e1-47.e9 [\[ABSTRACT\]](#)

**Pregnancy, Delivery, and Neonatal Outcomes Associated With Maternal Obsessive-Compulsive Disorder: Two Cohort Studies in Sweden and British Columbia, Canada** [OPEN ACCESS]

Fernández de la Cruz, Lorena;Joseph, K. S.;Wen, Qi;Stephansson, Olof;Mataix-Cols, David and Razaz, Neda, JAMA Network Open, June 2023 6(6), pp. e2318212 [\[ABSTRACT\]](#)

**Prenatal exposure to pregabalin, birth outcomes and neurodevelopment - a population-based cohort study in four Nordic countries** [NHS OPENATHENS LOGIN REQUIRED]

Dudukina, Elena et al Drug Safety, July 2023 46(7), pp. 661-675 [\[ABSTRACT\]](#)

## Obstetric Ultrasound:

**The performance of first-trimester ultrasound in diagnosing fetal cleft palate: Meta-analysis and systematic review** [NHS OPENATHENS LOGIN REQUIRED]

Yu, D.;Zhang, N.;Sun, H. and Liu, M.Journal of Clinical Ultrasound : JCU, June 12 2023 [\[ABSTRACT\]](#)

**Reappraising the Value of Fetal First-Trimester Ultrasonography** [NHS OPENATHENS LOGIN REQUIRED]

Tang, H. and Zheng, M. Maternal-Fetal Medicine, April 2023 5(2), pp. 115-118 [\[ABSTRACT\]](#)

## Midwifery:

**Exploring informed consent in midwifery care** [NHS OpenAthens Login Required]

Madeley, Anna, British Journal of Midwifery, June 2023 31(6), pp. 352-355

**The Impact of the Pandemic on Home Birth** [NHS OPENATHENS LOGIN REQUIRED]

Pearce, Rhiannon;Todd, Sam and Salt, Kookie Practising Midwife, May 2023 26(5), pp. 41-44

Parents experiences of pregnancy following perinatal loss: An integrative review [OPEN ACCESS]  
Donegan, Gemma; Noonan, Maria and Bradshaw, Carmelm Midwifery, June 2023 121, pp. 103673 [\[ABSTRACT\]](#)

## New & Updated Cochrane Systematic Reviews

### Pregnancy & Childbirth:

Antivirals for prevention of hepatitis B virus mother-to-child transmission in human immunodeficiency virus positive pregnant women co-infected with hepatitis B virus

Emmanuel O Ugwu; George U Eleje; Angela O Ugwu; Uchenna Nwagha; Joseph I Ikechebelu; Uchenna A Umeh; Henrietta U Okafor

### Gynaecology:

Gonadotropin-releasing hormone analogues for endometriosis

Veerle B Veth; Marjorie MA van de Kar; James MN Duffy; Madelon van Wely; Velia Mijatovic; Jacques WM Maas

Oral contraceptives containing drospirenone for premenstrual syndrome

Sivan Ma; Sae Jin Song

## Cochrane Clinical Answers:

How does immediate postpartum insertion of contraceptive implants and intrauterine devices (IUDs) compare with delayed insertion for women needing contraception?

How does breastfeeding support compare with usual care for preventing cessation of breastfeeding in healthy mothers with healthy term babies?

## **Practice Guidelines & Consensus:**

**Saving babies lives' version 3: a care bundle for reducing perinatal mortality**

NHS England, 1 June 2023

**Recurrent Miscarriage Green-top Guideline No. 17.** [OPEN ACCESS]

Regan, L.;Rai, R.;Saravolos, S. and Li, T. C., BJOG: An International Journal of Obstetrics and Gynaecology, June 19 2023

**Canadian Pediatric & Perinatal HIV/AIDS Research Group consensus recommendations for infant feeding in the HIV context** [OPEN ACCESS]

Khan, Sarah et al Journal of the Association of Medical Microbiology and Infectious Disease, March 2023 8(1), pp. 7-17 [\[ABSTRACT\]](#)

**Screening and Diagnosis of Mental Health Conditions During Pregnancy and Postpartum: ACOG Clinical Practice Guideline No. 4** [NHS OPENATHENS LOGIN REQUIRED]

Obstetrics & Gynecology, June 2023 141(6)

**Treatment and Management of Mental Health Conditions During Pregnancy and Postpartum: ACOG Clinical Practice Guideline No. 5** [NHS OPENATHENS LOGIN REQUIRED]

Obstetrics & Gynecology, June 2023 141(6)

**ISUOG Practice Guidelines (updated): fetal cardiac screening** [OPEN ACCESS]

Carvalho, J. S.et al, Ultrasound in Obstetrics & Gynecology, June 2023 61(6), pp. 788-803

**Middle eastern college of obstetricians and gynecologists (MCOG) practice guidelines: Role of prediction models in management of trial of labor after cesarean section. Practice guideline no. 05-O-22**

Elammary, Mohammed et al Journal of Gynecology Obstetrics and Human Reproduction, June 2023 52(6), pp. 102598 [\[ABSTRACT\]](#)

## **News, Briefings & Reports:**

### **News:**

[Government refuses to set target or strategy to end maternal health inequalities](#) – BMJ (30 June)

[Will the UK abortion pills case have wider healthcare implications?](#) – BMJ (21 June)

[One in five chance of natural pregnancy after IVF baby](#) – BBC (21 June)

[RCOG publishes resources to support women experiencing recurrent miscarriage](#) – RCOG (19 June 2023)

### **Reports:**

[Black child clean air report](#) – Global Black Maternal Health

## **DynaMed Plus Topic Updates: (NHS OPENATHENS LOGIN required to access DynaMed topics)**

[Atrophic vaginitis](#): Modified hyperstack vaginal erbium laser treatment may reduce pain at 3 months more than standard laser therapy in breast cancer survivors with postmenopausal superficial dyspareunia ([Menopause 2023 Feb 1](#))

[Fertility and pregnancy after bariatric surgery](#): Bariatric surgery before pregnancy may be associated with decreased risk of preeclampsia and gestational diabetes mellitus or impaired fasting glucose ([Obstet Gynecol 2023 Mar 1](#))

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