



Obstetrics & Gynaecology Evidence Update (July 2023)

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Reviews & Meta Analyses:

Pregnancy outcomes at maternal age over 45 years: a systematic review and meta-analysis [OPEN ACCESS]
Sugai, S.; Nishijima, K.; Haino, K. and Yoshihara, K., American Journal of Obstetrics and Gynecology MFM, April 2023 5(4) [\[ABSTRACT\]](#)

Diagnosis or prognosis? An umbrella review of mid-trimester cervical length and spontaneous preterm birth [OPEN ACCESS]
Hughes, Kelly et al, BJOG: An International Journal of Obstetrics & Gynaecology, July 2023 130(8), pp. 866-879 [\[ABSTRACT\]](#)

Perinatal outcomes of infants born to mothers with hyperemesis gravidarum: A systematic review and meta-analysis [OPEN ACCESS]
Jansen, L. A et al, European Journal of Obstetrics and Gynecology and Reproductive Biology, May 2023 284, pp. 30-51 [\[ABSTRACT\]](#)

Cesarean Scar Pregnancy: A systematic review on expectant management [OPEN ACCESS]
Silva, B.; Viana Pinto, P. and Costa, M. A. European Journal of Obstetrics, Gynecology, and Reproductive Biology 288, pp. 36-43, July 1 2023 [\[ABSTRACT\]](#)

Incidence and risk factors for postpartum hemorrhage after vaginal delivery: A systematic review and meta-analysis [NHS OPENATHENS LOGIN REQUIRED]
Huang, Can-ran et al Journal of Obstetrics and Gynaecology Research, 2023 July 49(7), pp. 1663-1676 [\[ABSTRACT\]](#)

Association between pregnant women with rheumatoid arthritis and preeclampsia: A systematic review and meta-analysis [OPEN ACCESS]
Tian, L.; Zhang, Z.; Mao, Y. and Zong, M Medicine, June 2023 102(26), pp. e34131 [\[ABSTRACT\]](#)

Randomised Trials:

Cervical Pessary for Prevention of Preterm Birth in Individuals With a Short Cervix: The TOPS Randomized Clinical Trial [AVAILABLE IN THE LIBRARY]

Hoffman, Matthew K et al, JAMA 25 July 2023 330(4), pp. 340-348 [\[ABSTRACT\]](#)

Heparin for women with recurrent miscarriage and inherited thrombophilia (ALIFE2): an international open-label, randomised controlled trial [AVAILABLE IN THE LIBRARY]

Quenby, Siobhan et al, The Lancet, July 1 2023 402(10395), pp. 54-61 [\[ABSTRACT\]](#)

Randomized Trial of Early Detection and Treatment of Postpartum Hemorrhage [NHS OPENATHENS LOGIN REQUIRED]

Gallos, Ioannis;et al, N Engl J Med, 6 July 2023 389(1), pp. 11-21 [\[ABSTRACT\]](#)

A Randomized Controlled Study Comparing the Efficacy of 75mg Versus 150mg Aspirin for the Prevention of Preeclampsia in High-Risk Pregnant Women [OPEN ACCESS]

Sinha, Nishi et al, Cureus, May 2023 15(5), pp. e39752 [\[ABSTRACT\]](#)

Observational and Cohort Studies:

Induction of labour at 39 weeks and adverse outcomes in low-risk pregnancies according to ethnicity, socioeconomic deprivation, and parity: A national cohort study in England [OPEN ACCESS]

Muller, P et al, PLOS Medicine, July 20 2023 [\[ABSTRACT\]](#)

Association between SARS-CoV-2 infection and newly diagnosed hypertension during pregnancy: prospective, population based cohort study [OPEN ACCESS]

Anne K. Örtqvist et al , BMJ Medicine, July 2023 2(1), pp. e000465 [\[ABSTRACT\]](#)

Menopausal hormone therapy and dementia: nationwide, nested case-control study [OPEN ACCESS]

Pourhadi, Nelsan et al, BMJ 381, 28 June 2023, pp. e072770 [\[ABSTRACT\]](#)

Increased Risk of Postpartum Infections after Caesarian and Vaginal Delivery in Women with Inflammatory Bowel Disease: A Danish Nationwide Cohort Study [NHS OPENATHENS LOGIN REQUIRED]

Friedman, S.;Zegers, F. D.;Jolving, L. R.;Nielsen, J. and Norgard, B. M.Inflammatory Bowel Diseases, Feb 2023 29(2), pp. 260-267 [\[ABSTRACT\]](#)

Perinatal outcomes after therapeutic rest in the latent phase of labor: A cohort study [OPEN ACCESS]

Bagger, N. T.;Milidou, I.;Boie, S. and Glavind, J., Acta Obstetricia Et Gynecologica Scandinavica, July 14 2023 [\[ABSTRACT\]](#)

Obstetric Ultrasound:

Management of late-onset fetal growth restriction: pragmatic approach [OPEN ACCESS]

Peasley, R et al, Ultrasound in Obstetrics & Gynecology : The Official Journal of the International Society of Ultrasound in Obstetrics and Gynecology, July 2023 62(1), pp. 106-114 [\[ABSTRACT\]](#)

The effect of the COVID-19 pandemic on UK parent experiences of pregnancy ultrasound scans and parent-fetal bonding: A mixed methods analysis [OPEN ACCESS]

Skelton, E et al PLoS ONE 18(6 June) 2023 [\[ABSTRACT\]](#)

Simulator, machine learning, and artificial intelligence: Time has come to assist prenatal ultrasound diagnosis
[NHS OPENATHENS LOGIN REQUIRED]

Tonni, G. and Grisolia, G. Journal of Clinical Ultrasound : JCU 24 Jun 2023 [\[ABSTRACT\]](#)

Midwifery:

Max's legacy: an evaluation of the impacts of baby loss on staff and families [OPEN ACCESS]

Whitehouse, Claire;Crane, Racheal;Rostron, Heather and Cater, Kirsty: British Journal of Midwifery. July 2023 31(7), pp. 368-375

Perineal massage and warm compresses - Randomised controlled trial for reduce perineal trauma during labor
[OPEN ACCESS]

Rodrigues, S et al Midwifery, June 2023 124, pp. 103763 [\[ABSTRACT\]](#)

The effect of birth ball exercise on labor pain, delivery duration, birth comfort, and birth satisfaction: a randomized controlled study [NHS OPENATHENS LOGIN REQUIRED]

Aslantas, B. N. and Cankaya, S.: Archives of Gynecology and Obstetrics, July 5 2023 [\[ABSTRACT\]](#)

New & Updated Cochrane Systematic Reviews

Pregnancy & Childbirth:

Interventions affecting the nitric oxide pathway versus placebo or no therapy for fetal growth restriction in pregnancy

Anouk Pels; Wessel Ganzevoort; Louise C Kenny; Philip N Baker; Peter von Dadelszen; Christian Glud et al

Gynaecology:

Statins for women with polycystic ovary syndrome not actively trying to conceive

Ting Xiong; Eloise Fraison; Eleni Kolibianaki; Michael F Costello; Christos Venetis; Elena B Kostova

Surgery for women with apical vaginal prolapse

Christopher Maher; Ellen Yeung; Nir Haya; Corina Christmann-Schmid; Alex Mowat; Zhuoran Chen; Kaven Baessler

Practice Update:

Diabetes detection in women with gestational diabetes and polycystic ovarian syndrome [NHS OPENATHENS LOGIN REQUIRED]

Hanna, Fahmy; Wu, Pensee; Heald, Adrian and Fryer, Anthony: BMJ 382, 4 July 2023 pp. e071675 [\[ABSTRACT\]](#)

Hyperlipidaemia and severe hypertriglyceridaemia in pregnancy [OPEN ACCESS]

Bashir, Mohammed et al, The Obstetrician & Gynaecologist, July 2023 25(3), pp. 196-209

Menopause and mental health [NHS OPENATHENS LOGIN REQUIRED]

Swaminathan, Ajay et al, The Obstetrician & Gynaecologist, July 2023 25(3), pp. 229-238

Practice Guidelines & Consensus:

Australian inflammatory bowel disease consensus statements for preconception, pregnancy and breast feeding [NHS OPENATHENS LOGIN REQUIRED]

Laube, Robyn et al, Gut, June 2023 72(6), pp. 1040-1053 [\[ABSTRACT\]](#)

British Society for Haematology guideline for anticoagulant management of pregnant individuals with mechanical heart valves [OPEN ACCESS]

Lester, Will et al, British Journal of Haematology, August 2023 202(3), pp. 465-478 [\[ABSTRACT\]](#)

Evidence and consensus-based clinical practice guideline for the management of obesity and overweight in postpartum women: An AIIMS-DST initiative

Kumari, Archana et al Journal of Family Medicine & Primary Care, May 2023 12(5), pp. 812-855 [\[ABSTRACT\]](#)

FIGO guidance for sustainable implementation of vaccination programs for women: Pregnancy and HPV [OPEN ACCESS]

Amaral, E.;Cain, J. M.;Hearing, F. and Lumsden, M. A. International Journal of Gynaecology and Obstetrics: The Official Organ of the International Federation of Gynaecology and Obstetrics 162(Supplement 1) (pp 3-23), 01 Ju 2023

Guideline No. 439: Diagnosis and Management of Vasa Previa

Jain, V. and Gagnon, R. Journal of Obstetrics and Gynaecology Canada, July 2023 45(7), pp. 506-518 [\[ABSTRACT\]](#)

Managing couples with recurrent miscarriage: A narrative review and practice recommendations [NHS OPENATHENS LOGIN]

Ali, A et al, International Journal of Gynaecology and Obstetrics: The Official Organ of the International Federation of Gynaecology and Obstetrics 10 July 2023 [\[ABSTRACT\]](#)

Management of Impacted Fetal Head at Caesarean Birth: Scientific Impact Paper No. 73 [OPEN ACCESS]

the Royal College of Obstetricians & Gynaecologists. BJOG: An International Journal of Obstetrics & Gynaecology, 12 June 2023

News, Briefings & Reports:

News:

[Boost for women and girls as Women's Health Strategy turns one](#) – Department of Health and Social Care (22 July)

[Baby loss in pregnancy: Pledge to store remains in dignified way](#) – BBC (22 July)

[Newborn health checks are unreliable for black and Asian babies, review finds](#) – BMJ (13 July)

[Pre-eclampsia: FDA approves blood test to identify pregnant women at risk](#) – BMJ (11 July)

[Nottingham maternity review to become UK's largest](#) – BBC (10 July)

Reports:

[England current state of maternity services 2023](#) –RCM

[Getting back on track: the case for reinvestment in global sexual and reproductive health and rights](#) – RCOG

[Informed, heard, empowered: placing women: placing women at the heart of reproductive health policy](#) – Bayer UK

[Pregnancy loss review](#) – Department of Health and Social Care

[Review of neonatal assessment and practice in black, Asian, and minority ethnic newborns](#) – NHS Race and Health Observatory

[The Birth Charter for women with involvement from children's social care](#) – Birth Companions

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

[Nausea and vomiting in pregnancy](#): Acupuncture plus doxylamine/pyridoxine appears to reduce symptom severity compared to either treatment alone in patients aged 20-45 years with moderate-to-severe nausea and vomiting in early pregnancy ([Ann Intern Med 2023 Jun 20 early online](#))

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