



Obstetrics & Gynaecology Evidence Update (September 2023)

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Reviews & Meta Analyses:

Birth spacing and risk of adverse pregnancy and birth outcomes: A systematic review and dose-response meta-analysis [OPEN ACCESS]

Ni, Wanze et al, Acta Obstetrica Et Gynecologica Scandinavica, 7 September 2023 [[ABSTRACT](#)]

Expectant management of viable cesarean scar pregnancies: a systematic review [NHS OPENATHENS LOGIN REQUIRED]

Vieira de Mello, P.;B runs, R. F.; Fontoura Klas, C. and Raso Hammes, L, Archives of Gynecology and Obstetrics 308(3), pp. 701-707 [[ABSTRACT](#)]

Operative delivery in the second stage of labour and preterm birth in a subsequent pregnancy: a systematic review and meta-analysis

Kirubarajan, Abirami et al ,American Journal of Obstetrics & Gynecology, 4 September 2023 [[ABSTRACT](#)]

,Incidence of vasa praevia: a systematic review and meta-analysis [OPEN ACCESS]

Weiyu Zhang et al, BMJ Open, 20 September 2023 13(9), pp. e075245 [[ABSTRACT](#)]

Screening for Hypertensive Disorders of Pregnancy: Updated Evidence Report and Systematic Review for the US Preventive Services Task Force

Henderson, Jillian T.;Webber, Elizabeth M.;Thomas, Rachel G. and Vesco, Kimberly K, Jama, 19 September 2023 330(11), pp. 1083-1091 [[ABSTRACT](#)]

Efficacy of perineal massage during the second stage of labor for the prevention of perineal injury: A systematic review and meta-analysis [NHS OPENATHENS LOGIN REQUIRED]

Marcos-Rodríguez, Andrea; Leirós-Rodríguez, Raquel and Hernandez-Lucas, Pablo, International Journal of Gynecology & Obstetrics, September 2023 162(3), pp. 802-810 [[ABSTRACT](#)]

Cohort Studies & Randomised Trials:

RCTS:

Antenatal detection of large-for-gestational-age fetuses following implementation of the Growth Assessment Protocol: secondary analysis of a randomised control trial [OPEN ACCESS]

Relph, Sophie et al, BJOG: An International Journal of Obstetrics & Gynaecology, September 2023 130(10), pp. 1167-1176 [\[ABSTRACT\]](#)

Mid-trimester uterine artery Doppler for aspirin discontinuation in pregnancies at high risk for preterm pre-eclampsia: Post-hoc analysis of StopPRE trial [OPEN ACCESS]

Bonacina, Erika et al, BJOG: An International Journal of Obstetrics & Gynaecology, 9 August 2023 [\[ABSTRACT\]](#)

The role of mifepristone on first trimester miscarriage treatment - A double-blind randomized controlled trial – MiFirst

Bettencourt-Silva, B t al, European Journal of Obstetrics, Gynecology, and Reproductive Biology 289, pp. 145-151 [\[ABSTRACT\]](#)

Cohort Studies:

Venous thromboembolism with use of hormonal contraception and non-steroidal anti-inflammatory drugs: nationwide cohort study [NHS OPENATHENS LOGIN REQUIRED]

Meaidi, Amani et al , BMJ, 6 September 2023 382, pp. e074450 [\[ABSTRACT\]](#)

Pregnancy-associated stroke and the recurrence of stroke and other complications in subsequent pregnancies: Population-based retrospective cohort study [OPEN ACCESS]

Verho, Liisa et al , BJOG: An International Journal of Obstetrics & Gynaecology, October 2023 130(11), pp. 1421-1429 [\[ABSTRACT\]](#)

The presence of polycystic ovary syndrome increases the risk of maternal but not neonatal complications in women with type 2 diabetes in pregnancy [OPEN ACCESS]

Atkins, Paul; Tomlinson, George; Feig, Denise S. and MiTy, Collaborative Group, Diabetes/Metabolism Research and Reviews, 7 September 2023 [\[ABSTRACT\]](#)

Objective measures of smoking and caffeine intake and the risk of adverse pregnancy outcomes [NHS OPENATHENS LOGIN REQUIRED]

Selvaratnam, Roshan J et al, International Journal of Epidemiology, 28 September 2023 [\[ABSTRACT\]](#)

Analysis of Heat Exposure During Pregnancy and Severe Maternal Morbidity [OPEN ACCESS]

Jiao, A.;Sun et al,JAMA Network Open, 7 September 2023 6(9), pp. e2332780 [\[ABSTRACT\]](#)

How does IVF conception affect pregnancy complications in an older cohort of women, at least 38 years of age? Study of a population database [NHS OPENATHENS LOGIN REQUIRED]

Badeghiesh, A.;Hochberg, A.;Elsherbini, N.;Baghlaf, H. and Dahan, M. H.Journal of Assisted Reproduction and Genetics, September 2023 40(9), pp. 2139-2148 [\[ABSTRACT\]](#)

Obstetric Ultrasound:

Informed choice and routinization of the second-trimester anomaly scan: a national cohort study in the Netherlands [OPEN ACCESS]

Lust, Eline E. R.;BMC Pregnancy & Childbirth, 26 September 2023, 23(1), pp. 694 [\[ABSTRACT\]](#)

Clinical audit in obstetric ultrasound—Implementation of an obstetric audit in the National Health Service—A case example [NHS OPENATHENS LOGIN REQUIRED]

Holloway, Sally Elizabeth; Smith, Shauna Leanne and Chudleigh, Trish, Sonography, March 2023 10(1), pp. 24-29 [\[ABSTRACT\]](#)

Midwifery:

The use of gender-neutral language in maternity settings: a narrative literature review [NHS OPENATHENS LOGIN REQUIRED]

Crossan, Kimberley-Ann; Geraghty, Sadie and Balding, Kirstie, British Journal of Midwifery, September 2023 31(9), pp. 502-511

The use of hydrotherapy in the first stage of labour: A systematic review and meta-analysis [OPEN ACCESS]

Ergin, A.;Asci, O.;Bal, M. D.;Ozturk, G. G. and Karacam, Z, International Journal of Nursing Practice, 26 August 2023 pp. e13192 [\[ABSTRACT\]](#)

Exploring women's experiences, views and understanding of vaginal examinations during intrapartum care: A meta-ethnographic synthesis [IOPEN ACCESS]

Jenkins, Holly, Jessiman, Wendy C., Hubbard, Gill and O'Malley, Chris. Midwifery, September 2023 124, pp.103746. [\[ABSTRACT\]](#)

Optimising maternity care for a subsequent pregnancy after a psychologically traumatic birth: A scoping review

Pidd, D.;Newton, M.;Wilson, I. and East, C., Women and Birth, September 2023 36(5), pp. e471-e480 [\[ABSTRACT\]](#)

New & Updated Cochrane Systematic Reviews

Gynaecology:

Surgical approach to hysterectomy for benign gynaecological disease

Charlotte M Pickett; Dachel D Seeratan; Ben Willem J Mol; Theodoor E Nieboer; Neil Johnson; Tijmen Bonestroo; Johanna WM Aarts

Reproduction & Sexual Health:

In vitro fertilisation for unexplained subfertility

Sesh Kamal Sunkara; Mohan S Kamath; Zabeena Pandian; Ahmed Gibreel; Siladitya Bhattacharya

National Institute for Health Research Alerts:

Surgical removal of fibroids has better long-term outcomes than blocking blood vessels

Fibroids are growths of muscle and fibrous tissue that develop in or around the womb. They can cause pain but are not cancer. Research found that women who had surgery to remove fibroids needed fewer procedures over the next 5 years than those who had blood vessels blocked (uterine artery embolisation or UAE).

Cochrane Clinical Answers:

Does adding estrogen to surgery for the management of pelvic organ prolapse (POP) in postmenopausal women have any benefits?

How does induction of labor at or near term compare with expectant management in pregnant women with suspected fetal macrosomia?

How does drospirenone plus ethinyl estradiol (DRSP/EE) affect outcomes in women with premenstrual syndrome?

Practice Guidelines & Consensus:

Consensus Panel Recommendations for the Pharmacological Management of Pregnant Women with Depressive Disorders [OPEN ACCESS]

Eleftheriou, G. et al, International Journal of Environmental Research and Public Health, 11 August 2023 20(16) [\[ABSTRACT\]](#)

Canadian Association of Radiologists Obstetrics and Gynecology Diagnostic Imaging Referral Guideline [OPEN ACCESS]

Hamel, Candyce et al, Canadian Association of Radiologists Journal, 7 September 2023 [\[ABSTRACT\]](#)

ESMO Expert Consensus Statements on the management of breast cancer during pregnancy (PrBC) [OPEN ACCESS]

Loibl, S et al, 10 August 2023 Annals of Oncology [\[ABSTRACT\]](#)

Fetal Assessment in Pregnancy (Indication and Methodology for Fetal Monitoring in a Low-risk Population) Guideline of the DGGG, DEGUM, OEGGG and SGGG (S3-Level, AWMF Registry No. 015/089, February 2023) [OPEN ACCESS]

Schiermeier, Sven; et al, Geburtshilfe Und Frauenheilkunde, August 2023 83(8), pp. 996-1016 [\[ABSTRACT\]](#)

Guideline No. 441: Antenatal Fetal Health Surveillance

Niles, K. M et al, Journal of Obstetrics and Gynaecology Canada : JOGC = Journal D'Obstetrique Et Gynecologie Du Canada : JOGC, September 2023 45(9), pp. 665-677 [\[ABSTRACT\]](#)

News, Briefings & Reports:

News:

Smoking during pregnancy doubles premature birth risk, study finds – The Independent (28 September)

Maternity Colleges urge pregnant women to have flu and Covid-19 vaccines this autumn – RCOG (18 September)

Nottingham trust faces criminal investigation into baby deaths – BMJ (8 September)

Essure device: 200 women in England and Wales can take legal action against Bayer – BMJ (7 September)

Research sheds light on how breast cancer might develop after pregnancy – Imperial College London (6 September)

Leeds academic's research informs independent pregnancy loss review – University of Leeds (5 September)

Reports:

The burden of perinatal mental illness in migrant women: new evidence on the prevalence and risk factors – Mental Elf

Perinatal mortality surveillance UK perinatal deaths for births from 1 January to December 31st 2021 - MBBRACE-UK

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

Maternal morbidity and mortality: Pregnancy-related mortality per 100,000 live births increased during the COVID-19 pandemic in 2020-2021 compared to prepandemic time ([Obstet Gynecol 2023 May 1](#))

Postterm pregnancy: Membrane sweeping once or twice weekly may reduce risk of prolonged pregnancy in persons with low-risk singleton pregnancy at ≥ 39 weeks gestation ([J Obstet Gynaecol 2022 Oct](#))

Surgical management of pelvic organ prolapse: Perioperative vaginal estrogen cream might increase risk of treatment failure at 12 months in patients ≥ 48 years old with bothersome anterior and apical vaginal prolapse having native tissue transvaginal surgical repair ([JAMA 2023 Aug 15](#))

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