

Sentinel Articles from Objectives 2020-2021

GYN R1, R2, R3, R4

Society of Radiologists in Ultrasound Multispecialty Panel on Early First Trimester Diagnosis of Miscarriage and Exclusion of a Viable Intrauterine Pregnancy Doubilet PM et al; N Engl J Med. 2013 Oct 10;369(15):1443-51.

Pregnancy of unknown location: a consensus statement of nomenclature, definitions, and outcome. Barnhart, Kurt, Norah M. van Mello, Tom Bourne, Emma Kirk, Ben Van Calster, Cecilia Bottomley, Karine Chung et al. Fertility and sterility 95, no. 3 (2011): 857-866.

How thick is too thick? When endometrial thickness should prompt biopsy in postmenopausal women without vaginal bleeding. Smith-Bindman R, et al. Ultrasound Obstet Gynecol 2004; 24: 558-565

Prevalence, incidence, and natural history of simple ovarian cysts among women >55 years old in a large cancer screening trial. Greenlee RT et al. Am J Obstet Gynecol 2010; 202: 373 e1-9

Risk of malignancy in unilocular ovarian cystic tumors less than 10 centimeters in diameter. Modesitt SC et al. Obstet Gynecol 2003; 102: 594-9

Pelvic inflammatory disease. Brunham RC, Gottlieb SL, Paavonen J. N Engl J Med. 2015 May 21;372(21):2039-48. doi: 10.1056/NEJMra1411426. No abstract available. PMID: 25992748 [PubMed - in process]

Clinical practice. Ectopic pregnancy. Barnhart KT. N Engl J Med. 2009 Jul 23;361(4):379-87. doi: 10.1056/NEJMcp0810384. Review. No abstract available.

Clinical practice. Primary ovarian insufficiency. Nelson LM. N Engl J Med. 2009 Feb 5;360(6):606-14

The FIGO classification of causes of abnormal uterine bleeding in the reproductive years Malcolm G. Munro M.D. Hilary O.D. Critchley M.D. FIGO Menstrual Disorders Working Group June 2011, Vol.95(7):2204-2208.e3, doi:10.1016/j.fertnstert.2011.03.079

Risks and benefits of estrogen plus progestin in healthy postmenopausal women: principal results From the Women's Health Initiative randomized controlled trial. Rossouw JE, Anderson GL, Prentice RL, et al ; JAMA. 2002 Jul 17;288(3):321-33. PubMed PMID: 12117397.

Menopausal hormone therapy and health outcomes during the intervention and extended poststopping phases of the Women's Health Initiative randomized trials. Manson JE, Chlebowski RT, Stefanick ML, et al . JAMA. 2013 Oct 2;310(13):1353-68. PubMed PMID: 24084921; PubMed Central PMCID: PMC3963523.

Nonhormonal management of menopause-associated vasomotor symptoms: 2015 position statement of The North American Menopause Society. Menopause: The Journal of The North American Menopause Society Vol. 22, No. 11, pp. 1155-1174

The 2017 hormone therapy position statement of The North American Menopause Society. Menopause: The Journal of The North American Menopause Society Vol. 24, No. 7, pp. 728-753

Cochrane Review: Surgical approach to hysterectomy for benign gynaecological disease
Theodoor E Nieboer , Neil Johnson , Anne Lethaby , Emma Tavender , Elizabeth Curr , Ray
Garry , Sabine van Voorst , Ben Willem J Mol and Kirsten B Kluivers Online Publication Date:
July 2009

Schreiber CA, et al. Mifepristone pretreatment for the medical management of early
pregnancy loss. NEJM 2018; 378: 2161-2170.

Management of AIS

Teoh, D et al. Diagnosis and Management of Adenocarcinoma in
Situ. Obstetricians Gynecology 2020; 135: 869-878.

Cochrane Review: Total versus subtotal hysterectomy for benign gynaecological conditions Anne
Lethaby , Asima Mukhopadhyay and Raj Naik Online Publication Date: April 2012

Cochrane Review: Hysterectomy versus hysterectomy plus oophorectomy for premenopausal
women Leonardo J Orozco, Mario Tristan , Maria MT Vreugdenhil and Arturo Salazar Online
Publication Date: July 2014.

2019 ASCCP Risk-Based Management Consensus Guidelines for Abnormal Cervical Cancer
Screening Tests and Cancer Precursors. J Low Genit Tract Dis 2020;24: 102–131.

Cervical Cancer Screening More Choices in 2019. JAMA May 28, 2019 Volume 321, Number 20

Cancer: Clinical Expert Series Cervical Cancer Screening. Obstetrics and Gynecology 2016

GYN ONC R1, R2, R4

LACC Trial (Open rad hyst over MIS for early cervical CA): Ramirez et al, N Engl J Med, 2018

GOG #92 (RT in early cervical CA): Sedlis et al, Gynecol Oncol 1999

GOG #167 (cancer in hyperplasia): Trimble et al, Cancer 2006

LAP2 (laparoscopy for endometrial CA): Walker et al, J Clin Oncol 2009 & 2012

FIRES Trial (SLN mapping for endometrial CA): Rossi et al, Lancet Oncol 2017

GOG #99 (RT in high risk Stage I endometrial CA): Keys et al, Gynecol Oncol 2004

GOG #122 (Chemo over RT in advanced endometrial CA): Randall et al, J Clin Oncol 2006

GOG #172 (IV/IP chemo in ovarian CA): Armstrong et al, N Engl J Med 2006

EORTC Neoadjuvant chemo: Vergote et al, N Engl J Med 2010

Optimal debulking: Chang & Bristow, Gynecol Oncol 2012

JGOG Dose-dense chemo: Katsumata et al, Lancet 2013

SOLO-1 (PARP inhibitor maintenance in BRCA1/2 associated ovarian CA): Moore et al, N Eng J Med, 2018

PROSE (RRSO improves mortality): Domchek et al, JAMA 2010

ASCO Palliative Care: Smith et al, J Clin Oncol 2012

OB R1, R3, R4

ACOG: Safe Prevention of the Primary Cesarean Delivery

Preventing the first cesarean delivery Spong et al, Obstet Gynecol. 2013 Mar;121(3):687

Evidence-based surgery for cesarean delivery: an updated systematic review Dahlke et al October 2013 Volume 209, Issue 4, Pages 294–306

Magpie Trial Collaborative Group. Do women with pre-eclampsia, and their babies, benefit from magnesium sulphate? Altman et al Lancet. 2002 Jun 1;359(9321):1877-90

Induction of labor compared with expectant management for prelabor rupture of the membranes at term. TERMPROM Study Group. Hannah et al N Engl J Med. 1996 Apr 18;334(16):1005-10

Hypertension in Pregnancy: Executive Summary Obstetrics & Gynecology: November 2013 - Volume 122 - Issue 5 - p 1122–1131

Timing of Indicated Late-Preterm and Early-Term Birth Sprong et al, Obstet Gynecol. 2011 Aug;118(2 Pt 1)

Antenatal Betamethasone for Women at Risk for Late Preterm Delivery Gyamfi-Bannerman et al, N Engl J Med. 2016 Apr 7;374(14):1311-20

Hyperglycemia and Adverse Pregnancy Outcomes HAPO Study Cooperative Research Group et al, N Engl J Med. 2008 May 8;358(19):1991-2002.

[Labor Induction versus Expectant Management in Low-Risk Nulliparous Women.](#)

Grobman WA et al N Engl J Med. 2018 Aug 9;379(6):513-523. doi: 10.1056/NEJMoa1800566.

[Effect of Immediate vs Delayed Pushing on Rates of Spontaneous Vaginal Delivery Among Nulliparous Women Receiving Neuraxial Analgesia: A Randomized Clinical Trial.](#)

Cahill AG et al JAMA. 2018 Oct 9;320(14):1444-1454. doi: 10.1001/jama.2018.13986.JAMA. 2018. PMID: 30304425

[Effect of Oxygen vs Room Air on Intrauterine Fetal Resuscitation: A Randomized Noninferiority Clinical Trial.](#)

AG.Raghuraman N, et al. JAMA Pediatr. 2018 Sep 1;172(9):818-823. doi: 10.1001/jamapediatrics.2018.1208.JAMA Pediatr. 2018. PMID: 30039159

Inglis SR, Feier N, Chetiyaar JB, Naylor MH, Summersille M, Cervellione KL, Predanic M. Effects of shoulder dystocia training on the incidence of brachial plexus injury. Am J Obstet Gynecol. 2011 Apr;204(4):322.e1-6. doi: 10.1016/j.ajog.2011.01.027. Epub 2011 Feb 24. PubMed PMID: 21349495.

Cahill AG, Duffy CR, Odibo AO, Roehl KA, Zhao Q, Macones GA. Number of cervical examinations and risk of intrapartum maternal fever. Obstet Gynecol. 2012 Jun;119(6):1096-101. doi: 10.1097/AOG.0b013e318256ce3f. PubMed PMID: 22617572.

Dickinson JE, Doherty DA. Optimization of third-stage management after second-trimester medical pregnancy termination. Am J Obstet Gynecol. 2009 Sep;201(3):303.e1-7. doi: 10.1016/j.ajog.2009.05.044. Epub 2009 Jul 26. PubMed PMID: 19632665.

Judy AE, McCain CL, Lawton ES, Morton CH, Main EK, Druzin ML. Systolic Hypertension, Preeclampsia-Related Mortality, and Stroke in California. Obstet Gynecol. 2019 Jun;133(6):1151-1159. doi: 10.1097/AOG.0000000000003290. PubMed PMID: 31135728.

Do women with pre-eclampsia, and their babies, benefit from magnesium sulphate? The Magpie Trial: a randomized placebo controlled trial Magpie Trial Collaborative Group Altman et al Lancet. 2002 Jun 1;359(9321):1877-90

Wong CA, Scavone BM, Peaceman AM, McCarthy RJ, Sullivan JT, Diaz NT, Yaghmour E, Marcus RJ, Sherwani SS, Sproviero MT, Yilmaz M, Patel R, Robles C, Grouper S. The risk of cesarean delivery with neuraxial analgesia given early versus late in labor. N Engl J Med. 2005 Feb 17;352(7):655-65. PubMed PMID: 15716559.

Berghella V, Haas S, Chervoneva I, Hyslop T. Patients with prior second-trimester loss: prophylactic cerclage or serial transvaginal sonograms? Am J Obstet Gynecol. 2002 Sep;187(3):747-51. PubMed PMID: 12237658.

Nguyen TM, Crowther CA, Wilkinson D, Bain E. Magnesium sulphate for women at term for neuroprotection of the fetus. Cochrane Database Syst Rev. 2013 Feb 28;(2):CD009395. doi: 10.1002/14651858.CD009395.pub2. Review. PubMed PMID: 23450601.

Owen J, Hankins G, Iams JD, Berghella V, Sheffield JS, Perez-Delboy A, Egerman RS, Wing DA, Tomlinson M, Silver R, Ramin SM, Guzman ER, Gordon M, How HY,

Knudtson EJ, Szychowski JM, Cliver S, Hauth JC. Multicenter randomized trial of cerclage for preterm birth prevention in high-risk women with shortened midtrimester cervical length. *Am J Obstet Gynecol.* 2009 Oct;201(4):375.e1-8. doi: 10.1016/j.ajog.2009.08.015. PubMed PMID: 19788970

Hannah ME, Hannah WJ, Hewson SA, Hodnett ED, Saigal S, Willan AR. Planned caesarean section versus planned vaginal birth for breech presentation at term: a randomised multicentre trial. Term Breech Trial Collaborative Group. *Lancet.* 2000 Oct 21;356(9239):1375-83. PubMed PMID: 11052579.

Barrett JF, Hannah ME, Hutton EK, Willan AR, Allen AC, Armson BA, Gafni A, Joseph KS, Mason D, Ohlsson A, Ross S, Sanchez JJ, Asztalos EV; Twin Birth Study Collaborative Group. A randomized trial of planned cesarean or vaginal delivery for twin pregnancy. *N Engl J Med.* 2013 Oct 3;369(14):1295-305. doi: 10.1056/NEJMoa1214939. Erratum in: *N Engl J Med.* 2013 Dec 12;369(24):2364. PubMed PMID: 24088091; PubMed Central PMCID: PMC3954096.

Association Between Planned Cesarean Delivery and Neonatal Mortality and Morbidity in Twin Pregnancies Thomas Schmitz, MD *Obstet Gynecol.* 2017 Jun; 129 (6) 986-995.

Hopkins LM, Esakoff T, Noah MS, Moore DH, Sawaya GF, Laros RK Jr. Outcomes associated with cesarean section versus vaginal breech delivery at a university hospital. *J Perinatol.* 2007 Mar;27(3):141-6. Epub 2006 Oct 12. PubMed PMID: 17036031.

Duggal N, Mercado C, Daniels K, Bujor A, Caughey AB, El-Sayed YY. Antibiotic prophylaxis for prevention of postpartum perineal wound complications: a randomized controlled trial. *Obstet Gynecol.* 2008 Jun;111(6):1268-73. doi: 10.1097/AOG.0b013e31816de8ad. PubMed PMID: 18515507.

GENETICS

The Use of Chromosomal Microarray Analysis in Prenatal Diagnosis; ACOG Committee on Genetics and Society of Maternal-Fetal Medicine Opinion (December 2013)

ACOG Technology Assessment in Obstetrics and Gynecology No. 14: Modern Genetics in Obstetrics and Gynecology (this has been updated, you have the old version listed); *Obstet Gynecol.* 2018 Sep;132(3):e143-e168. doi: 10.1097/AOG.0000000000002831.

Diagnostic clinical genome and exome sequencing Biesecker LG, Green RC; *N Engl J Med.* 2014 Sep 18;371(12):1170.

Karyotype versus microarray testing for genetic abnormalities after stillbirth Reddy UM, Page GP, Saade GR, Silver RM, Thorsten VR, Parker CB, Pinar H, Willinger M, Stoll BJ, Heim-Hall J, Varner MW, Goldenberg RL, Bukowski R, Wapner RJ, Drews-Botsch CD, O'Brien BM, Dudley DJ, Levy B; NICHD Stillbirth Collaborative Research Network; N Engl J Med. 2012 Dec 6;367(23):2185-93.

Chromosomal microarray versus karyotyping for prenatal diagnosis Wapner RJ, Martin CL, Levy B, Ballif BC, Eng CM, Zachary JM, Savage M, Platt LD, Saltzman D, Grobman WA, Klugman S, Scholl T, Simpson JL, McCall K, Aggarwal VS, Bunke B, Nahum O, Patel A, Lamb AN, Thom EA, Beaudet AL, Ledbetter DH, Shaffer LG, Jackson L.;N Engl J Med. 2012 Dec 6;367(23):2175-84.

Whole exome and whole genome sequencing Bick D, Dimmock D; Medical College of Wisconsin, Department of Pediatrics Review

Whole-exome/genome sequencing and genomics Grody WW, Thompson BH, Hudgins L.; Pediatrics. 2013 Dec;132(Suppl 3):S211-5.

ACOG Practice Bulletin #163 Screening for Fetal Aneuploidy May 2016

ACOG Practice Bulletin #162 Prenatal Diagnostic Testing for Genetic Disorders May 2016

[Cell-free DNA analysis for noninvasive examination of trisomy.](#)

Norton ME et al. N Engl J Med. 2015 Apr 23;372(17):1589-97. doi: 10.1056/NEJMoa1407349. Epub 2015 Apr 1. N Engl J Med. 2015. PMID: 25830321

[Whole-exome sequencing in the evaluation of fetal structural anomalies: a prospective cohort study.](#)

Petrovski S et al. Lancet. 2019 Feb 23;393(10173):758-767. doi: 10.1016/S0140-6736(18)32042-7. Epub 2019 Jan 31. Lancet. 2019. PMID: 30712878

[Prenatal exome sequencing analysis in fetal structural anomalies detected by ultrasonography \(PAGE\): a cohort study.](#)

Lord Jet al. Lancet. 2019 Feb 23;393(10173):747-757. doi: 10.1016/S0140-6736(18)31940-8. Epub 2019 Jan 31.

Germline and Somatic Tumor Testing in Epithelial Ovarian Cancer: ASCO Guideline Panagiotis A. Konstantinopoulos et al. 2020 J Clin Oncol 38:1222-1245.

ACOG Committee Opinion 793: Hereditary Cancer Syndromes and Risk Assessment, 2019

ACOG Committee Opinion 724. Consumer Testing for Disease Risk. 2017.

ACOG Practice Bulletin 182: Hereditary Breast and Ovarian Cancer Syndrome, 2017

ACOG Practice Bulletin 147: Lynch Syndrome, 2014

https://www.sgo.org/wp-content/uploads/2020/03/2020_Genetics_toolkit_FULLL.pdf

REI R2 (also has genetics articles above)

Clomiphene vs metformin for PCOS – Legro et al, NEJM 2007

Letrozole vs Clomiphene Citrate for PCOS – Legro et al, NEJM 2014

FASTT (CC/IUI à IVF vs CC/IUI à inj/IUI à IVF) – Reindollar et al, F&S 2010

Primary Ovarian Infertility review for clinical practice – Nelson, NEJM 2009

AMH - natural fertility paper by Steiner: Association Between Biomarkers of Ovarian Reserve and Infertility Among Older Women of Reproductive Age. JAMA. 2017.

PGS - ASRM committee opinion (2018): Use of preimplantation genetic testing (PGT-A): a committee opinion.

Clinical practice. Primary ovarian insufficiency. Nelson LM. N Engl J Med. 2009 Feb 5;360(6):606-14

Zondervan et al. Endometriosis NEJM 2020 March; 382:13

Munne et al. Preimplantation genetic testing for aneuploidy versus morphology as selection criteria for single frozen-thawed embryo transfer in good-prognosis patients: a multicenter randomized clinical trial. Fertility and Sterility® Vol. 112, No. 6, December 2019

Ethics Committee of the American Society for Reproductive Medicine. Planned oocyte cryopreservation for women seeking to preserve future reproductive potential: an Ethics Committee opinion. Fertility and Sterility® Vol. 110, No. 6, November 2018

https://www.asrm.org/globalassets/asrm/asrm-content/news-and-publications/practice-guidelines/for-non-members/fertility_preservation_in_patients_undergoing_gonadotoxic_therapy_or_gonadectomy.pdf

Family Planning

1. Raymond EG, Grimes DA. The comparative safety of legal induced abortion and childbirth in the United States. Obstet Gynecol. 2012 Feb;119(2 Pt 1):215-9.
2. Kerns J, Steinauer J. Management of postabortion hemorrhage: release date November 2012 SFP Guideline #20131. Contraception. 2013 Mar;87(3):331-42.
3. ACOG Committee Opinion No. 613: Increasing access to abortion. Obstet Gynecol. 2014 Nov;124(5):1060-5. Disparities
4. Sonalkar S, Schreiber CA, Barnhart KT. Contraception. Endotext (This is an online textbook at

www.endotext.org, and also available through pub med.)

5. Ahmed S, Li Q, Liu L, Tsui AO. Maternal deaths averted by contraceptive use: an analysis of 172 countries. *Lancet*. 2012 Jul 14;380(9837):111-25.

6. Creinin MD, Zite N. Female tubal sterilization: the time has come to routinely consider removal. *Obstet Gynecol*. 2014 Sep;124(3):596-9. doi: 10.1097/AOG.0000000000000422. PubMed PMID: 25162262.

7. Induced Abortion in the United States. Guttmacher Institute. <https://www.guttmacher.org/fact-sheet/induced-abortion-united-states>. 2019.

8. Induced Abortion Worldwide. Guttmacher Institute. <https://www.guttmacher.org/fact-sheet/induced-abortion-worldwide>. 2019.

9. ACOG Committee Opinion No. 385: The Limits of Conscientious Refusal in Reproductive Medicine. *Obstetrics & Gynecology*. 2007;110(5):1203-1208.

10. Dehlendorf C. Contraceptive counseling and selection for women. UpToDate. 2020. <http://www.uptodate.com/contents/contraceptive-counseling-and-selection-for-women>

11. Shih G, Wallace R. First-trimester pregnancy termination: Uterine aspiration. UpToDate. <https://www.uptodate.com/contents/first-trimester-pregnancy-termination-uterine-aspiration#topicContent>. Published 2019.

12. Bartz D and Blumenthal P. First-trimester pregnancy termination: Medication Abortion. UpToDate. <https://www.uptodate.com/contents/first-trimester-pregnancy-termination-medication-abortion-topicContent>.

13. Hammond C. Overview of second-trimester pregnancy termination. UpToDate. <https://www.uptodate.com/contents/overview-of-second-trimester-pregnancy-termination#topicContent>. 2019.

14. What if Roe Fell Report, *Center for Reproductive Rights* (2019), <https://reproductiverights.org/sites/default/files/2019-11/USP-2019-WIRF-Report-Web.pdf>

Video Content from Innovating Education in Reproductive Health

1. Video Series: Julian Z. Structures and Self: Advancing Equity and Justice in SRH. *Innovating Education in Reproductive Health*. <https://www.innovating-education.org/2019/10/structures-self-advancing-equity-and-justice-in-srh/>. 2019.

2. Video Series: Perrucci A. The Framework: Counseling for Patient-Centered Abortion Care. <https://www.innovating-education.org/2018/09/the-patient-has-the-answer-pregnancy-options-counseling-workshop/>. 2019.
3. Video Series: Mengesha B. LARC Counseling, Insertion and Removal. <https://www.innovating-education.org/course/larc-insertion-series/>. 2017.
4. Williams, Sanithia. Uterine Aspiration Abortion. <https://vimeo.com/332741689>. 2019.
5. Kerns J. Patient Decision Making about Abortion after the First Trimester. <https://vimeo.com/129488042>. 2015.
6. Drey E. Abortion after the First Trimester. <https://www.innovating-education.org/2016/02/abortion-after-the-first-trimester-2/>
7. Kerns J. Managing Complications of Procedural Abortion, Parts 1, 2, and 3. These are found in Week 4 of the Abortion Course on this site: <https://www.innovating-education.org/course/abortion-complete-course/>.

UROGYN

There are Cochrane reviews on surgery for urinary incontinence and also for pelvic organ prolapse and drugs for overactive bladder:

Cochrane Reviews: ^[1] Maher, C. et al. Surgical management of pelvic organ prolapse in women. CD004014.pub5 ^[2] Madhuvrata P. et al. Which anticholinergic drug for overactive bladder symptoms in adults? CD005429.pub2

Nager, et al. A randomized trial of urodynamic testing before stress-incontinence surgery. NEJM 2012;366:1987-97. Richter et al

Continence pessary compared with behavioral therapy or combined therapy for stress incontinence: a randomized controlled trial. Obstet Gynecol 2010 Mar;115(3):609-17. ^[1] Albo ME, Richter HE, Brubaker L, et al.

Burch colposuspension versus fascial sling to reduce urinary stress incontinence. N Engl J Med 2007;356:2143-55 ^[1] Richter HE, et al. Retropubic vs. transobturator midurethral slings for stress incontinence. NEJM 2010;362:2066-76.

Cervical Cancer Screening in Average-Risk Women: Best Practice Advice From the Clinical Guidelines Committee of the American College of Physicians. Sawaya GF, Kulasingam S, Denberg T, Qaseem A. Ann Intern Med. 2015 Apr 30

Clinical practice. Primary ovarian insufficiency. Nelson LM. N Engl J Med. 2009 Feb 5;360(6):606-14

Surgical approach to for benign gynaecological disease Total versus subtotal for benign gynaecological conditions versus plus oophorectomy for premenopausal women Visco AG, Brubaker L, Richter HE, et al.

Anticholinergic versus botulinum toxin A comparison trial for the treatment of bothersome urge

urinary incontinence: ABC trial. *Contemporary clinical trials* 2012;33:184-96. Nygaard I, et al.

Long-term outcomes following abdominal sacrocolpopexy for pelvic organ prolapse. *JAMA* 2013;309:2016-24. Paraiso MF, et al.

Laparoscopic compared with robotic sacrocolpopexy for vaginal prolapse; a randomized controlled trial. *Obstet gynecol* 2011;118:1005-13.

Trans Care

Obedin-Maliver J, de Haan G. 13 - Gynecologic Care for Transgender Patients. In: Ferrando CA, ed. *Comprehensive Care of the Transgender Patient*. Philadelphia: Content Repository Only!; 2020:131-151. doi:10.1016/B978-0-323-49642-1.00013-2