

Advancing the Science of Endometriosis  
Elevating Sampson's Century via Deep Dive with AI.  
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References

- American Chemistry Society. Indicator of PFAS found in some — but not all — period products, August 10, 2023.  
<https://www.acs.org/pressroom/newsreleases/2023/august/indicator-of-pfas-found-in-some-but-not-all-period-products.html>
- Angelidakis E, Chen S, Zhang S, Wan Z, Kamm RD, Shelton SE. Impact of Fibrinogen, Fibrin Thrombi, and Thrombin on Cancer Cell Extravasation Using In Vitro Microvascular Networks. *Adv Healthc Mater.* 2023 Jul;12(19):e2202984. doi: 10.1002/adhm.202202984. Epub 2023 May 12. PMID: 37119127; PMCID: PMC10524192.
- Anglesio MS, Papadopoulos N, Ayhan A, Nazeran TM, Noë M, Horlings HM, Lum A, Jones S, Senz J, Seckin T, Ho J, Wu RC, Lac V, Ogawa H, Tessier-Cloutier B, Alhassan R, Wang A, Wang Y, Cohen JD, Wong F, Hasanovic A, Orr N, Zhang M, Popoli M, McMahan W, Wood LD, Mattox A, Allaire C, Segars J, Williams C, Tomasetti C, Boyd N, Kinzler KW, Gilks CB, Diaz L, Wang TL, Vogelstein B, Yong PJ, Huntsman DG, Shih IM. Cancer-Associated Mutations in Endometriosis without Cancer. *N Engl J Med.* 2017 May 11;376(19):1835-1848. doi: 10.1056/NEJMoa1614814. PMID: 28489996; PMCID: PMC5555376.
- Arbelaez Ossa L, Lorenzini G, Milford SR, Shaw D, Elger BS, Rost M. Integrating ethics in AI development: a qualitative study. *BMC Med Ethics.* 2024 Jan 23;25(1):10. doi: 10.1186/s12910-023-01000-0. PMID: 38262986; PMCID: PMC10804710.
- Barat M, Dohan A, Kohi M, Marcelin C, Pelage JP, Denys A, Mafeld S, Kaufman CS, Soyer P, Cornelis FH. Treatment of adenomyosis, abdominal wall endometriosis and uterine leiomyoma with interventional radiology: A review of current evidences. *Diagn Interv Imaging.* 2024 Mar;105(3):87-96. doi: 10.1016/j.diii.2023.11.005. Epub 2023 Dec 7. PMID: 38065817.
- Bareum Choi, Kyungmin Jo, Songe Choi, Jaesoon Choi. Surgical-tools detection based on Convolutional Neural Network in laparoscopic robot-assisted surgery. *Annu Int Conf IEEE Eng Med Biol Soc.* 2017 Jul;2017:1756-1759. doi: 10.1109/EMBC.2017.8037183. PMID: 29060227.

- Baušić AIG, Matasariu DR, Manu A, Brătilă E. Transvaginal Ultrasound vs. Magnetic Resonance Imaging: What Is the Optimal Imaging Modality for the Diagnosis of Endometriosis? *Biomedicines*. 2023 Sep 23;11(10):2609. doi: 10.3390/biomedicines11102609. PMID: 37892983; PMCID: PMC10604115.
- Benagiano G, Guo SW, Puttemans P, Gordts S, Brosens I. Progress in the diagnosis and management of adolescent endometriosis: an opinion. *Reprod Biomed Online*. 2018 Jan;36(1):102-114. doi: 10.1016/j.rbmo.2017.09.015. Epub 2017 Oct 25. PMID: 29174167.
- Bougie O, McClintock C, Pudwell J, Brogly SB, Velez MP. Long-term follow-up of endometriosis surgery in Ontario: a population-based cohort study. *Am J Obstet Gynecol*. 2021 Sep;225(3):270.e1-270.e19. doi: 10.1016/j.ajog.2021.04.237. Epub 2021 Apr 21. PMID: 33894154.
- Bulun SE, Yildiz S, Adli M, Chakravarti D, Parker JB, Milad M, Yang L, Chaudhari A, Tsai S, Wei JJ, Yin P. Endometriosis and adenomyosis: shared pathophysiology. *Fertil Steril*. 2023 May;119(5):746-750. doi: 10.1016/j.fertnstert.2023.03.006. Epub 2023 Mar 15. PMID: 36925057.
- Bulun SE, Yilmaz BD, Sison C, Miyazaki K, Bernardi L, Liu S, Kohlmeier A, Yin P, Milad M, Wei J. Endometriosis. *Endocr Rev*. 2019 Aug 1;40(4):1048-1079. doi: 10.1210/er.2018-00242. PMID: 30994890; PMCID: PMC6693056.
- Burns KA, Rodriguez KF, Hewitt SC, Janardhan KS, Young SL, Korach KS. Role of estrogen receptor signaling required for endometriosis-like lesion establishment in a mouse model. *Endocrinology*. 2012 Aug;153(8):3960-71. doi: 10.1210/en.2012-1294. Epub 2012 Jun 14. PMID: 22700766; PMCID: PMC3404357.
- Burns KA, Thomas SY, Hamilton KJ, Young SL, Cook DN, Korach KS. Early Endometriosis in Females Is Directed by Immune-Mediated Estrogen Receptor  $\alpha$  and IL-6 Cross-Talk. *Endocrinology*. 2018 Jan 1;159(1):103-118. doi: 10.1210/en.2017-00562. PMID: 28927243; PMCID: PMC5761597.
- Chadchan SB, Cheng M, Parnell LA, Yin Y, Schriefer A, Mysorekar IU, Kommagani R. Antibiotic therapy with metronidazole reduces endometriosis disease progression in mice: a potential role for gut microbiota. *Hum Reprod*. 2019 Jun 4;34(6):1106-1116. doi: 10.1093/humrep/dez041. PMID: 31037294; PMCID: PMC6554192.
- Chiaffarino F, Cipriani S, Ricci E, Roncella E, Mauri PA, Parazzini F, Vercellini P. Endometriosis and inflammatory bowel disease: A systematic review of the literature. *Eur J Obstet Gynecol Reprod Biol*. 2020 Sep;252:246-251. doi: 10.1016/j.ejogrb.2020.06.051. Epub 2020 Jun 26. PMID: 32629225.
- Cornelis F, Petitpierre F, Lasserre AS, Tricaud E, Dallaudière B, Stoeckle E, Le Bras Y, Bouzgarrou M, Brun JL, Grenier N. Percutaneous cryoablation of symptomatic abdominal

- scar endometrioma: initial reports. *Cardiovasc Intervent Radiol*. 2014 Dec;37(6):1575-9. doi: 10.1007/s00270-014-0843-z. Epub 2014 Jan 25. PMID: 24464261.
- D'Ancona G, Merlot B, Verrelli L, Boulos S, Dennis T, Roman H. Robotic management of isolated endometriosis of sciatic nerve: a reproducible approach that can guide through the labyrinth of pelvic neuroanatomy. *Fertil Steril*. 2023 Sep;120(3 Pt 2):703-705. doi: 10.1016/j.fertnstert.2023.06.008. Epub 2023 Jun 9. PMID: 37302779.
  - d'Argent M, Stratopoulou CA, Cussac S, Camboni A, Jadoul P, Donnez J, Dolmans MM. Are lower levels of apoptosis and autophagy behind adenomyotic lesion survival? *Reprod Biomed Online*. 2023 Sep;47(3):103248. doi: 10.1016/j.rbmo.2023.06.003. Epub 2023 Jun 15. PMID: 37451972.
  - Dinh T, Leonardi M, Espada M, Vanza K, Condous G. The use of ultrasound in detecting endometriosis: endometriotic nodule detected on ultrasound but not visualized on laparoscopy. *J Obstet Gynaecol Can*. 2020 Aug;42(8):1016. doi: 10.1016/j.jogc.2019.12.013. Epub 2020 Mar 12. PMID: 32171505.
  - Donnez J, Stratopoulou CA, Dolmans MM. Endometriosis and adenomyosis: Similarities and differences. *Best Pract Res Clin Obstet Gynaecol*. 2024 Feb;92:102432. doi: 10.1016/j.bpobgyn.2023.102432. Epub 2023 Dec 5. PMID: 38103509.
  - Donnez J, Stratopoulou CA, Dolmans MM. Endometriosis and adenomyosis: Similarities and differences. *Best Pract Res Clin Obstet Gynaecol*. 2024 Feb;92:102432. doi: 10.1016/j.bpobgyn.2023.102432. Epub 2023 Dec 5. PMID: 38103509.
  - Farnum A, Parnas M, Hoque Apu E, Cox E, Lefevre N, Contag CH, Saha D. Harnessing insect olfactory neural circuits for detecting and discriminating human cancers. *Biosens Bioelectron*. 2023 Jan 1;219:114814. doi: 10.1016/j.bios.2022.114814. Epub 2022 Oct 15. PMID: 36327558.
  - Gao CJ, Kannan K. Phthalates, bisphenols, parabens, and triclocarban in feminine hygiene products from the United States and their implications for human exposure. *Environ Int*. 2020 Mar;136:105465. doi: 10.1016/j.envint.2020.105465. Epub 2020 Jan 13. PMID: 31945693.
  - Gnecco JS, Brown A, Buttrey K, Ives C, Goods BA, Baugh L, Hernandez-Gordillo V, Loring M, Isaacson KB, Griffith LG. Organoid co-culture model of the human endometrium in a fully synthetic extracellular matrix enables the study of epithelial-stromal crosstalk. *Med*. 2023 Aug 11;4(8):554-579.e9. doi: 10.1016/j.medj.2023.07.004. PMID: 37572651; PMCID: PMC10878405.
  - Guo SW, Habiba M, Benagiano G. From Retrograde Menstruation to Endometrial Determinism and a Brave New World of "Root Treatment" of Endometriosis: Destiny or a Fanciful Utopia? *Biomolecules*. 2023 Feb 9;13(2):336. doi: 10.3390/biom13020336. PMID: 36830705; PMCID: PMC9953699.

- Guo SW. Genesis, genes and epigenetics of endometriosis-associated infertility. *Nat Rev Endocrinol*. 2019 May;15(5):259-260. doi: 10.1038/s41574-019-0191-9. PMID: 30886366.
- Hipólito-Reis M, Neto AC, Neves D. Impact of curcumin, quercetin, or resveratrol on the pathophysiology of endometriosis: A systematic review. *Phytother Res*. 2022 Jun;36(6):2416-2433. doi: 10.1002/ptr.7464. Epub 2022 May 18. PMID: 35583746.
- Jiang I, Yong PJ, Allaire C, Bedaiwy MA. Intricate Connections between the Microbiota and Endometriosis. *Int J Mol Sci*. 2021 May 26;22(11):5644. doi: 10.3390/ijms22115644. PMID: 34073257; PMCID: PMC8198999.
- Jones RL, Lang SA, Kendzierski JA, Greene AD, Burns KA. Use of a Mouse Model of Experimentally Induced Endometriosis to Evaluate and Compare the Effects of Bisphenol A and Bisphenol AF Exposure. *Environ Health Perspect*. 2018 Dec;126(12):127004. doi: 10.1289/EHP3802. PMID: 30675821; PMCID: PMC6371646.
- Jørgensen H, Fedorcsak P, Isaacson K, Tevonian E, Xiao A, Beste M, Qvigstad E, Lauffenburger D, Griffith L. Endometrial cytokines in patients with and without endometriosis evaluated for infertility. *Fertil Steril*. 2022 Mar;117(3):629-640. doi: 10.1016/j.fertnstert.2021.11.024. Epub 2022 Feb 4. PMID: 35125185.
- KCE Belgian Healthcare Knowledge Center. How can we improve endometriosis care in Belgium? KCE report 378 (March 2024) <https://www.kce.fgov.be/en/publications/all-reports/how-can-we-improve-endometriosis-care-in-belgium>
- Keckstein J, Hoopmann M, Merz E, Grab D, Weichert J, Helmy-Bader S, Wölfler M, Bajka M, Mechsner S, Schäfer S, Krentel H, Hudelist G. Expert opinion on the use of transvaginal sonography for presurgical staging and classification of endometriosis. *Arch Gynecol Obstet*. 2023 Jan;307(1):5-19. doi: 10.1007/s00404-022-06766-z. Epub 2022 Nov 11. PMID: 36367580; PMCID: PMC9837004.
- Keckstein J, Noé G K, Djokovic D, van Herendaël BJ Hudelist G. “#Enzian classification, a new description of endometriosis for invasive and non-invasive diagnosis. Background and description of a new approach to a complex disease”. *The Trocar*. 2022, 3:1:1-13
- Kirkland JL, Tchkonja T. Senolytic drugs: from discovery to translation. *J Intern Med*. 2020 Nov;288(5):518-536. doi: 10.1111/joim.13141. Epub 2020 Aug 4. PMID: 32686219
- Koninckx PR, Giovanni AD, Ussia A, Gharbi H, Al-Suwaidi S, Amro B, Keckstein J, Malzoni M, Adamyan L, Wattiez A. Predictive Value of Ultrasound Imaging for Diagnosis and Surgery of Deep Endometriosis: A Systematic Review. *J Minim Invasive Gynecol*. 2023 Jul;30(7):536-542. doi: 10.1016/j.jmig.2023.03.008. Epub 2023 Mar 21. PMID: 36948243.
- Koninckx PR, Saridogan E, Gomel V. Postoperative adhesions: are we close to finding a solution? *Facts Views Vis Obgyn*. 2023 Dec;15(4):287-289. doi: 10.52054/FVVO.15.4.112. PMID: 38128087; PMCID: PMC10832650.

- Koninckx PR, Ussia A, Alsuwaidi S, Amro B, Keckstein J, Adamyan L, Donnez J, Martin MC, Wattiez A. Reconsidering evidence-based management of endometriosis. *Facts Views Vis Obgyn.* 2022 Sep;14(3):225-233. doi: 10.52054/FVVO.14.3.033. PMID: 36206797; PMCID: PMC10350951.
- Koninckx PR, Wattiez A, Saridogan E. Statistics, truth finding and predictions: what every gynaecologist and researcher should know. *Facts Views Vis Obgyn.* 2023 Jun;15(2):95-97. doi: 10.52054/FVVO.15.2.080. PMID: 37436044; PMCID: PMC10410651.
- Koninckx, P.R.; Ussia, A.; Gordts, S.; Keckstein, J.; Saridogan, E.; Malzoni, M.; Stepanian, A.; Setubal, A.; Adamyan, L.; Wattiez, A. The 10 “Cardinal Sins” in the Clinical Diagnosis and Treatment of Endometriosis: A Bayesian Approach. *J Clin Med.* 2023 Jul 7;12(13):4547. doi: 10.3390/jcm12134547. PMID: 37445589; PMCID: PMC10342682.
- K pker W, Felberbaum RE, Krapp M, Schill T, Malik E, Diedrich K. Use of GnRH antagonists in the treatment of endometriosis. *Reprod Biomed Online.* 2002 Jul-Aug;5(1):12-6. doi: 10.1016/s1472-6483(10)61590-8. PMID: 12470539.
- Leyendecker G, Herbertz M, Kunz G, Mall G. Endometriosis results from the dislocation of basal endometrium. *Hum Reprod.* 2002 Oct;17(10):2725-36. doi: 10.1093/humrep/17.10.2725. PMID: 12351554.
- Lin SC, Lee HC, Hsu CT, Huang YH, Li WN, Hsu PL, Wu MH, Tsai SJ. Targeting Anthrax Toxin Receptor 2 Ameliorates Endometriosis Progression. *Theranostics.* 2019 Jan 21;9(3):620-632. doi: 10.7150/thno.30655. PMID: 30809297; PMCID: PMC6376465.
- Madad Zadeh S, Francois T, Calvet L, Chauvet P, Canis M, Bartoli A, Bourdel N. SurgAI: deep learning for computerized laparoscopic image understanding in gynaecology. *Surg Endosc.* 2020 Dec;34(12):5377-5383. doi: 10.1007/s00464-019-07330-8. Epub 2020 Jan 29. PMID: 31996995.
- Maheux-Lacroix S, Belanger M, Pinard L, Lemyre M, Laberge P, Boutin A. Diagnostic Accuracy of Intraoperative Tools for Detecting Endometriosis: A Systematic Review and Meta-analysis. *J Minim Invasive Gynecol.* 2020 Feb;27(2):433-440.e1. doi: 10.1016/j.jmig.2019.11.010. Epub 2019 Nov 22. PMID: 31760118.
- Maillot J, Brun JL, Dubuisson V, Bazot M, Grenier N, Cornelis FH. Mid-term outcomes after percutaneous cryoablation of symptomatic abdominal wall endometriosis: comparison with surgery alone in a single institution. *Eur Radiol.* 2017 Oct;27(10):4298-4306. doi: 10.1007/s00330-017-4827-7. Epub 2017 Apr 10. PMID: 28396995.
- Marcelin C, Maas P, Jambon E, Maaloum R, Andreo IM, Le Bras Y, Roman H, Grenier N, Brun JL, Cornelis FH. Long-term outcomes after percutaneous cryoablation of abdominal wall endometriosis. *Eur Radiol.* 2024 Mar 21. doi: 10.1007/s00330-024-10689-5. Epub ahead of print. PMID: 38512491.

- Martin DC, editor. Endometriosis Concepts and Theories. Richmond, Virginia, Resurge Press, 2024, [www.danmartinmd.com/files/endotheory.pdf](http://www.danmartinmd.com/files/endotheory.pdf). Accessed April 30, 2024
- Martin DC. Pain in younger women. *J Pediatr Adolesc Gynecol*. 2023 May 21:S1083-3188(23)00338-8. doi: 10.1016/j.jpag.2023.05.008. Epub ahead of print. PMID: 37220803.
- Martin DC. Regarding "Intraoperative Detection of Rectosigmoid Endometriosis.". *J Minim Invasive Gynecol*. 2023 Apr 7:S1553-4650(23)00150-4. doi: 10.1016/j.jmig.2023.03.023. Epub ahead of print. PMID: 37031856.
- Maruyama T, Yoshimura Y. Stem cell theory for the pathogenesis of endometriosis. *Front Biosci (Elite Ed)*. 2012 Jun 1;4(8):2754-63. doi: 10.2741/e589. PMID: 22652684.
- Maruyama T. A Revised Stem Cell Theory for the Pathogenesis of Endometriosis. *J Pers Med*. 2022 Feb 4;12(2):216. doi: 10.3390/jpm12020216. PMID: 35207704; PMCID: PMC8875896.
- Mathias JR, Franklin R, Quast DC, Fraga N, Loftin CA, Yates L, Harrison V. Relation of endometriosis and neuromuscular disease of the gastrointestinal tract: new insights. *Fertil Steril*. 1998 Jul;70(1):81-8. doi: 10.1016/s0015-0282(98)00096-x. PMID: 9660426.
- Maus M, López-Polo V, Mateo L, Lafarga M, Aguilera M, De Lama E, Meyer K, Sola A, Lopez-Martinez C, López-Alonso I, Guasch-Piqueras M, Hernandez-Gonzalez F, Chaib S, Rovira M, Sanchez M, Faner R, Agusti A, Diéguez-Hurtado R, Ortega S, Manonelles A, Engelhardt S, Monteiro F, Stephan-Otto Attolini C, Prats N, Albaiceta G, Cruzado JM, Serrano M. Iron accumulation drives fibrosis, senescence and the senescence-associated secretory phenotype. *Nat Metab*. 2023 Dec;5(12):2111-2130. doi: 10.1038/s42255-023-00928-2. Epub 2023 Dec 14. PMID: 38097808
- Miravet-Valenciano J, Ruiz-Alonso M, Gómez E, Garcia-Velasco JA. Endometrial receptivity in eutopic endometrium in patients with endometriosis: it is not affected, and let me show you why. *Fertil Steril*. 2017 Jul;108(1):28-31. doi: 10.1016/j.fertnstert.2017.06.002. PMID: 28668152.
- Morris SA, Korach KS, Burns KA. Unique Sensitivity of Uterine Tissue and the Immune System for Endometriotic Lesion Formation. *Front Physiol*. 2021 Dec 17;12:805784. doi: 10.3389/fphys.2021.805784. PMID: 34975547; PMCID: PMC8719640.
- Mumusoglu S, Hsueh AJW. Is endometriosis due to evolutionary maladaptation? *Reprod Biomed Online*. 2024 Feb;48(2):103695. doi: 10.1016/j.rbmo.2023.103695. Epub 2023 Nov 10. PMID: 38177037.
- Najdawi M, Razakamanantsoa L, Mousseaux C, Bendifallah S, Touboul C, Thomassin-Naggara I, Bazot M, Barral M, Cornelis FH. Resolution of Pain after Percutaneous Image-Guided Cryoablation of Extraperitoneal Endometriosis. *J Vasc Interv Radiol*. 2023

- Jul;34(7):1192-1198. doi: 10.1016/j.jvir.2023.03.025. Epub 2023 Mar 30. PMID: 37003579; PMCID: PMC10625427.
- Naqvi H, Mamillapalli R, Krikun G, Taylor HS. Endometriosis Located Proximal to or Remote From the Uterus Differentially Affects Uterine Gene Expression. *Reprod Sci.* 2016 Feb;23(2):186-91. doi: 10.1177/1933719115613449. Epub 2015 Oct 28. PMID: 26516123; PMCID: PMC5933175.
  - Naqvi H, Mamillapalli R, Krikun G, Taylor HS. Endometriosis Located Proximal to or Remote From the Uterus Differentially Affects Uterine Gene Expression. *Reprod Sci.* 2016 Feb;23(2):186-91. doi: 10.1177/1933719115613449. Epub 2015 Oct 28. PMID: 26516123; PMCID: PMC5933175.
  - Nelson BS, Black KL, Daniel JM. Circulating Estradiol Regulates Brain-Derived Estradiol via Actions at GnRH Receptors to Impact Memory in Ovariectomized Rats. *eNeuro.* 2016 Dec 13;3(6):ENEURO.0321-16.2016. doi: 10.1523/ENEURO.0321-16.2016. PMID: 28032117; PMCID: PMC5172373.
  - Nisolle M, Donnez J. Peritoneal endometriosis, ovarian endometriosis, and adenomyotic nodules of the rectovaginal septum are three different entities. *Fertil Steril.* 1997 Oct;68(4):585-96. doi: 10.1016/s0015-0282(97)00191-x. PMID: 9341595.
  - Nyangoh Timoh K, Lavoué V, Roman H. Anatomical Pitfalls of Excision of Deep Endometriosis Nodules of the Sciatic Nerve: A three-dimensional Reconstruction and Surgical Educational Video. *J Minim Invasive Gynecol.* 2023 Apr;30(4):264-265. doi: 10.1016/j.jmig.2023.01.018. Epub 2023 Feb 4. PMID: 36740017.
  - Paffoni A, Casalechi M, De Ziegler D, Cicinelli E, Somigliana E, Viganò P, Vitagliano A. Live Birth After Oocyte Donation In Vitro Fertilization Cycles in Women With Endometriosis: A Systematic Review and Meta-Analysis. *JAMA Netw Open.* 2024 Jan 2;7(1):e2354249. doi: 10.1001/jamanetworkopen.2023.54249. PMID: 38294811; PMCID: PMC10831577.
  - Palmer SS, Altan M, Denis D, Tos EG, Gotteland JP, Osteen KG, Bruner-Tran KL, Nataraja SG. Bentamapimod (JNK Inhibitor AS602801) Induces Regression of Endometriotic Lesions in Animal Models. *Reprod Sci.* 2016 Jan;23(1):11-23. doi: 10.1177/1933719115600553. Epub 2015 Sep 2. PMID: 26335175; PMCID: PMC5933194.
  - Parnas M, Cox E, Sanchez S, Farnum A, Lefevre N, Miller S, Saha D. Employing a honeybee olfactory neural circuit as a novel gas sensor for the detection of human lung cancer biomarkers. *bioRxiv (preprint).* doi: <https://doi.org/> doi: 10.1101/2023.10.04.560899
  - Philips EM, Jaddoe VWV, Trasande L. Effects of early exposure to phthalates and bisphenols on cardiometabolic outcomes in pregnancy and childhood. *Reprod Toxicol.* 2017 Mar;68:105-118. doi: 10.1016/j.reprotox.2016.08.015. Epub 2016 Sep 3. PMID: 27596818; PMCID: PMC5336527.

- Possover M, Baekelandt J, Flaskamp C, Li D, Chiantera V. Laparoscopic neurolysis of the sacral plexus and the sciatic nerve for extensive endometriosis of the pelvic wall. *Minim Invasive Neurosurg.* 2007 Feb;50(1):33-6. doi: 10.1055/s-2007-970075. PMID: 17546541.
- Roman H, Dehan L, Merlot B, Berby B, Forestier D, Seyer-Hansen M, Abo C, Tuech JJ. Postoperative Outcomes after Surgery for Deep Endometriosis of the Sacral Plexus and Sciatic Nerve: A 52-patient Consecutive Series. *J Minim Invasive Gynecol.* 2021 Jul;28(7):1375-1383. doi: 10.1016/j.jmig.2020.10.018. Epub 2020 Oct 31. PMID: 33130224.
- Roman H, Merlot B, Darwish B. Excision of deep endometriosis nodules of the parametrium and sacral roots in 10 steps. *Fertil Steril.* 2021 Jun;115(6):1586-1588. doi: 10.1016/j.fertnstert.2021.02.014. Epub 2021 Mar 23. PMID: 33766459.
- Roman H, Merlot B, Forestier D, Noailles M, Magne E, Carteret T, Tuech JJ, Martin DC. Nonvisualized palpable bowel endometriotic satellites. *Hum Reprod.* 2021, 36(3):656-665. doi: 10.1093/humrep/deaa340. PMID: 33432338; PMCID: PMC7891810. Open access
- Roman H, Seyer-Hansen M, Dennis T, Merlot B. Excision of Deep Endometriosis Nodules of the Sciatic Nerve in 10 Steps. *J Minim Invasive Gynecol.* 2021 Oct;28(10):1685-1686. doi: 10.1016/j.jmig.2021.05.019. Epub 2021 Jun 4. PMID: 34091045.
- Sivajohan B, Elgendi M, Menon C, Allaire C, Yong P, Bedaiwy MA. Clinical use of artificial intelligence in endometriosis: a scoping review. *NPJ Digit Med.* 2022 Aug 4;5(1):109. doi: 10.1038/s41746-022-00638-1. PMID: 35927426; PMCID: PMC9352729.
- Sivajohan B, Elgendi M, Menon C, Allaire C, Yong P, Bedaiwy MA. Clinical use of artificial intelligence in endometriosis: a scoping review. *NPJ Digit Med.* 2022 Aug 4;5(1):109. doi: 10.1038/s41746-022-00638-1. PMID: 35927426; PMCID: PMC9352729.
- Somigliana E, Viganò P, Benaglia L, Busnelli A, Paffoni A, Vercellini P. Ovarian stimulation and endometriosis progression or recurrence: a systematic review. *Reprod Biomed Online.* 2019 Feb;38(2):185-194. doi: 10.1016/j.rbmo.2018.11.021. Epub 2018 Dec 23. PMID: 30609970.
- Stratopoulou CA, Camboni A, Donnez J, Dolmans MM. Identifying Common Pathogenic Features in Deep Endometriotic Nodules and Uterine Adenomyosis. *J Clin Med.* 2021 Oct 4;10(19):4585. doi: 10.3390/jcm10194585. PMID: 34640603; PMCID: PMC8509556.
- Stratopoulou CA, Cussac S, d'Argent M, Donnez J, Dolmans MM. M2 macrophages enhance endometrial cell invasiveness by promoting collective cell migration in uterine adenomyosis. *Reprod Biomed Online.* 2023 Apr;46(4):729-738. doi: 10.1016/j.rbmo.2023.01.001. Epub 2023 Jan 9. PMID: 36792417.
- Taylor HS, Giudice LC, Lessey BA, Abrao MS, Kotarski J, Archer DF, Diamond MP, Surrey E, Johnson NP, Watts NB, Gallagher JC, Simon JA, Carr BR, Dmowski WP, Leyland N, Rowan JP, Duan WR, Ng J, Schwefel B, Thomas JW, Jain RI, Chwalisz K. Treatment of



Endometriosis-Associated Pain with Elagolix, an Oral GnRH Antagonist. *N Engl J Med*. 2017 Jul 6;377(1):28-40. doi: 10.1056/NEJMoa1700089. Epub 2017 May 19. PMID: 28525302.

- Teh WT, Chung J, Holdsworth-Carson SJ, Donoghue JF, Healey M, Rees HC, Bittinger S, Obers V, Sloggett C, Kendarsari R, Fung JN, Mortlock S, Montgomery GW, Girling JE, Rogers PAW. A molecular staging model for accurately dating the endometrial biopsy. *Nat Commun*. 2023 Oct 6;14(1):6222. doi: 10.1038/s41467-023-41979-z. PMID: 37798294; PMCID: PMC10556104.
- Telegdy G, Tanaka M, Schally AV. Effects of the LHRH antagonist Cetrorelix on the brain function in mice. *Neuropeptides*. 2009 Jun;43(3):229-34. doi: 10.1016/j.npep.2009.03.001. Epub 2009 Apr 16. PMID: 19375162.
- US EPA Action Plan, 2012. [https://www.epa.gov/sites/default/files/2015-09/documents/phthalates\\_actionplan\\_revised\\_2012-03-14.pdf](https://www.epa.gov/sites/default/files/2015-09/documents/phthalates_actionplan_revised_2012-03-14.pdf)
- Velho RV, Werner F, Mechsner S. Endo Belly: What Is It and Why Does It Happen?-A Narrative Review. *J Clin Med*. 2023 Nov 19;12(22):7176. doi: 10.3390/jcm12227176. PMID: 38002788; PMCID: PMC10671958.
- Viganò P, Ottolina J, Bartiromo L, Bonavina G, Schimberni M, Villanacci R, Candiani M. Cellular Components Contributing to Fibrosis in Endometriosis: A Literature Review. *J Minim Invasive Gynecol*. 2020 Feb;27(2):287-295. doi: 10.1016/j.jmig.2019.11.011. Epub 2019 Nov 27. PMID: 31785417
- Wattiez A, Schindler L, Ussia A, Campo R, Keckstein J, Grimbizis G, Exacoustos C, Kondo W, Nezhat C, Canis M, De Wilde RL, Miller C, Fazel A, Rabischong B, Graziottin A, Koninckx PR. A proof of concept that experience-based management of endometriosis can complement evidence-based guidelines. *Facts Views Vis Obgyn*. 2023 Sep;15(3):197-214. doi: 10.52054/FVVO.15.3.094. PMID: 37742197; PMCID: PMC10643008.
- Yu J, Berga SL, Zou E, Schrepf AD, Clauw DJ, As-Sanie S, Taylor RN. Neurotrophins and Their Receptors, Novel Therapeutic Targets for Pelvic Pain in Endometriosis, Are Coordinately Regulated by IL-1 $\beta$  via the JNK Signaling Pathway. *Am J Pathol*. 2023 Aug;193(8):1046-1058. doi: 10.1016/j.ajpath.2023.04.007. Epub 2023 May 8. PMID: 37164275; PMCID: PMC10433690.
- Zipponi M, Lee DY, Stratopoulou CA, Cacciottola L, Dolmans MM. Characterization of microRNA exosome content from endometrioma wall in vitro culture. *Fertil Steril*. 2024 Mar 16:S0015-0282(24)00181-X. doi: 10.1016/j.fertnstert.2024.03.010. Epub ahead of print. PMID: 38499278.