

## Keyhole surgery to treat infertility associated with endometriosis: the latest evidence

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### References

Bafort C, Beebeejaun Y, Tomassetti C, Bosteels J, Duffy JMN. Laparoscopic surgery for endometriosis. Cochrane Database of Systematic Reviews 2020, Issue 10. Art. No.: CD011031. DOI: 10.1002/14651858.CD011031.pub3.

<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD011031.pub3/full>

Duffy JMN. Blood tests for diagnosing endometriosis: the latest evidence. *Evidently Cochrane* blog, 10 March 2021. Web. 11 March 2021. <https://www.evidentlycochrane.net/blood-tests-diagnosing-endometriosis/>

Hirsch M, Begum MR, Paniz E, Barker C, Davies C, Duffy JMN. Diagnosis and management of endometriosis: A systematic review of international and national guidelines. *BJOG* 2018; 125(5): 556-554. <https://obgyn.onlinelibrary.wiley.com/doi/abs/10.1111/1471-0528.14838>

Hirsch M, Duffy JMN, Deguara C, Davies C, Khan KS. Diagnostic accuracy of Cancer Antigen 125 (CA125) for endometriosis in symptomatic women: a multi-center study. *BJOG* 2017; 210:102-107. <https://www.sciencedirect.com/science/article/abs/pii/S0301211516310545>

Hirsch M, Wojtaszewska A, Saridogan E, Mavrelos D, Barker C, Duffy JMN. Googling fibroids: A critical appraisal of information on the internet. *Eur J Obstet Gynecol Reprod Biol* 2020; 250: 224-230. [https://linkinghub.elsevier.com/retrieve/pii/S0301-2115\(20\)30172-X](https://linkinghub.elsevier.com/retrieve/pii/S0301-2115(20)30172-X)

Leonardi M and Duffy JMN. Ultrasound for diagnosing endometriosis: the latest evidence. *Evidently Cochrane* blog, 11 March 2021. Web. 11 March 2021. <https://www.evidentlycochrane.net/ultrasound-for-diagnosing-endometriosis-the-latest-evidence/>

National Institute for Health and Care Excellence. *Endometriosis: diagnosis and management*. London: National Institute for Health and Care Excellence; 2017. (NICE NG73). [Issued September 2017, updated December 2019]. Available from: <https://www.nice.org.uk/guidance/ng73>

Practice Committee of the American Society for Reproductive Medicine. Endometriosis and infertility: a committee opinion. *Fertility and Sterility*. 2012 Sep;98(3):591-8. doi: 10.1016/j.fertnstert.2012.05.031. [https://www.fertstert.org/article/S0015-0282\(12\)00585-7/fulltext](https://www.fertstert.org/article/S0015-0282(12)00585-7/fulltext)

### Further information and resources:

- The **Cochrane Gynaecology and Fertility group** has published over 20 intervention reviews and protocols investigating the effectiveness and safety of treatments for the management of endometriosis. In addition, we have published five diagnostic test accuracy reviews assessing the effectiveness of various tests in the diagnosis of endometriosis. Read more here: <https://cgf.cochrane.org/news/endometriosis-awareness-month-2020>
- **Endometriosis UK** has a variety of resources, publications and information <https://endometriosis-uk.org/>
- **King's Fertility** offer a series of Question and Answer (Q&A) videos on various topics: [www.kingsfertility.co.uk/video-faqs/answerpack/female-fertility-screening/female-anatomical-scans-faqs/what-is-endometriosis/](http://www.kingsfertility.co.uk/video-faqs/answerpack/female-fertility-screening/female-anatomical-scans-faqs/what-is-endometriosis/)
- **Fertility Network UK** is a national charity for anyone who has ever experienced fertility problems <https://fertilitynetworkuk.org/>
- **Fertility Europe** is an European Umbrella organization representing patient associations in the field of (in)fertility in more than 20 European countries <http://www.fertilityeurope.eu/>

### Further Cochrane Reviews and related resources on endometriosis and fertility:

Chen I, Veth VB, Choudhry AJ, Murji A, Zakhari A, Black AY, Agarpao C, Maas JWM. Pre- and postsurgical medical therapy for endometriosis surgery. *Cochrane Database of Systematic Reviews* 2020, Issue 11. Art. No.: CD003678. DOI: 10.1002/14651858.CD003678.pub3. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD003678.pub3/full>

#### Related Cochrane Clinical Answer

Tort S, Burch J. For women with endometriosis, what are the effects of presurgical and postsurgical medical therapy? *Cochrane Library, Cochrane Clinical Answers*, 21 January 2021. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3502/full>

#### Cochrane Clinical Answer

Tort S, Burch J. How does laparoscopic treatment compare with diagnostic laparoscopy for pain and subfertility for women with endometriosis? *Cochrane Library, Cochrane Clinical Answers*, 19 November 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.3397/full>

Georgiou EX, Melo P, Baker PE, Sallam HN, Arici A, Garcia-Velasco JA, Abou-Setta AM, Becker C, Granne IE. Long-term GnRH agonist therapy before in vitro fertilisation (IVF) for improving fertility outcomes in women with endometriosis. *Cochrane Database of Systematic Reviews* 2019, Issue 11. Art. No.: CD013240. DOI: 10.1002/14651858.CD013240.pub2. <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013240.pub2/full>

#### Related Cochrane Clinical Answer:

Siristatidis C. “How does long-term gonadotrophin-releasing hormone (GnRH) agonist therapy provided before in vitro fertilization (IVF) or intracytoplasmic sperm injection (ICSI) compare with standard IVF/ICSI alone for women with endometriosis?” *Cochrane Library, Cochrane Clinical Answer*, 19 February 2020. Web. 23 October 2020. <https://www.cochranelibrary.com/cca/doi/10.1002/cca.2912/full>

Lensen S and Uphoff N. IVF add-ons: the latest Cochrane evidence. *Evidently Cochrane* blog, 16 October 2020. Web. 11 March 2021. [www.evidentlycochrane.net/ivf-add-ons-the-latest-cochrane-evidence](http://www.evidentlycochrane.net/ivf-add-ons-the-latest-cochrane-evidence)