

Endometriosis: diagnosis and management

NICE guideline: short version

Draft for consultation, February 2017

This guideline covers the diagnosis and management of endometriosis. It aims to raise awareness of the symptoms of endometriosis, and to provide clear advice on what action to take when women with signs and symptoms first present in healthcare settings. It also provides advice on the range of treatments available.

Who is it for?

- Healthcare professionals
- Commissioners and providers
- Women with suspected or confirmed endometriosis, their families and carers

This version of the guideline contains the draft recommendations, context and recommendations for research. Information about how the guideline was developed is on the [guideline's page](#) on the NICE website. This includes the guideline committee's discussions and the evidence reviews (in the [full guideline](#)), the scope, and details of the committee and any declarations of interest.

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1 Recommendations

People have the right to be involved in discussions and make informed decisions about their care, as described in [your care](#).

[Making decisions using NICE guidelines](#) explains how we use words to show the strength (or certainty) of our recommendations, and has information about prescribing medicines (including off-label use), professional guidelines, standards and laws (including on consent and mental capacity), and safeguarding.

2

3 **1.1 Organisation of care**

4 1.1.1 Set up a managed clinical network for women with suspected or
5 confirmed endometriosis, consisting of [non-specialist services](#),
6 gynaecology services (see recommendation 1.1.3) and specialist
7 endometriosis services (endometriosis centres; see recommendation
8 1.1.4).

9 1.1.2 Non-specialist, gynaecology and specialist endometriosis services
10 (endometriosis centres) should:

- 11 • provide coordinated care for women with suspected or confirmed
12 endometriosis
- 13 • have processes in place for prompt diagnosis and treatment of
14 endometriosis, because delays can affect quality of life and result in
15 disease progression.

16 1.1.3 Gynaecology services for women with suspected or confirmed
17 endometriosis should have access to:

- 18 • a gynaecologist with expertise in diagnosing and managing
19 endometriosis, including training and skills in laparoscopic surgery
- 20 • a gynaecology nurse with an interest in endometriosis
- 21 • a multidisciplinary pain management service

- 1 • a healthcare professional with an interest in gynaecological imaging
- 2 • fertility services.

3 1.1.4 Specialist endometriosis services (endometriosis centres) should have
4 access to:

- 5 • gynaecologists with expertise in diagnosing and managing
- 6 endometriosis, including advanced laparoscopic surgical skills
- 7 • a colorectal surgeon with an interest in endometriosis
- 8 • a urologist with an interest in endometriosis
- 9 • an endometriosis specialist nurse
- 10 • a multidisciplinary pain management service with experience in pelvic
- 11 pain
- 12 • a healthcare professional with specialist expertise in gynaecological
- 13 imaging of endometriosis
- 14 • advanced diagnostic facilities (for example, radiology and
- 15 histopathology)
- 16 • fertility services.

17 **1.2 Endometriosis information and support**

18 1.2.1 Assess the individual information and support needs of women with
19 suspected or confirmed endometriosis, taking into account their
20 circumstances, symptoms, priorities, desire for fertility, aspects of daily
21 living, work and study, and physical and emotional issues.

22 1.2.2 Provide information and support for women with suspected or confirmed
23 endometriosis, which should include:

- 24 • what endometriosis is
- 25 • endometriosis symptoms and signs (see recommendation 1.3.1)
- 26 • how it is diagnosed
- 27 • treatment options
- 28 • potential long-term effects
- 29 • local support groups, online forums and national charities, and how to
- 30 access them.

1 1.2.3 If women agree, involve their partner (and/or other family members or
2 people important to them) and include them in discussions. For more
3 guidance on providing information to people and involving family members
4 and carers, see the NICE guideline on [patient experience in adult NHS](#)
5 [services](#).

6 **1.3 *Endometriosis symptoms and signs***

7 1.3.1 Suspect endometriosis in women (including young women aged 17 and
8 under) presenting with 1 or more of the following symptoms or signs:

- 9 • [chronic pelvic pain](#)
- 10 • period-related pain (dysmenorrhoea) affecting daily activities and
11 quality of life
- 12 • deep pain associated with sexual intercourse
- 13 • period-related or cyclical gastrointestinal symptoms, in particular,
14 painful bowel movements
- 15 • period-related or cyclical urinary symptoms, in particular, blood in the
16 urine or pain passing urine
- 17 • infertility in association with 1 or more of the above.

18 1.3.2 Inform women with suspected or confirmed endometriosis that keeping a
19 pain and symptom diary can aid discussions.

20 1.3.3 Offer an abdominal and pelvic examination to women with suspected
21 endometriosis to identify abdominal masses and pelvic signs, such as
22 reduced organ mobility and enlargement, tender nodularity in the posterior
23 vaginal fornix, and visible vaginal endometriotic lesions.

24 1.3.4 If a pelvic examination is not appropriate (for example, in women who
25 have never had sexual intercourse), offer an abdominal examination to
26 exclude abdominal masses.

1 **1.4 Referral and monitoring**

2 **Referral**

3 1.4.1 Consider referring women to a gynaecology service (see recommendation
4 1.1.3) for an ultrasound or gynaecology opinion if they have:

- 5
- 6 • severe, persistent or recurrent symptoms of endometriosis **or**
 - pelvic signs of endometriosis.

7 1.4.2 Refer women to a specialist endometriosis service (endometriosis centre;
8 see recommendation 1.1.4) if they have suspected or confirmed deep
9 endometriosis involving the bowel, bladder or ureter.

10 1.4.3 Consider referring young women (aged 17 and under) with suspected or
11 confirmed endometriosis to a [paediatric and adolescent gynaecology](#)
12 [service](#), gynaecology service (see recommendation 1.1.3) or specialist
13 endometriosis service (endometriosis centre; see recommendation 1.1.4),
14 depending on local service provision.

15 **Monitoring**

16 1.4.4 Consider outpatient follow-up (with or without examination and pelvic
17 imaging) for women with endometriosis, particularly women who choose
18 not to have surgery, if they have:

- 19
- 20 • deep endometriosis involving the bowel, bladder or ureter **or**
 - 1 or more endometrioma that is larger than 3 cm.

21 1.4.5 Explain to women that endometriosis is associated with a small increased
22 risk of ovarian cancer.

23 1.4.6 Do not offer surveillance for gynaecological cancers to women with
24 endometriosis. For guidance on the recognition and referral of suspected
25 gynaecological cancers, see the NICE guideline on [suspected cancer](#).

1 **1.5** ***Diagnosing endometriosis***

2 **Ultrasound**

3 1.5.1 Consider transvaginal ultrasound:

- 4
- 5 • to investigate suspected endometriosis even if the pelvic and/or
 - 6 abdominal examination was normal (also see recommendations 1.3.3
 - 7 and 1.3.4)
 - 8 • to identify endometriomas and deep endometriosis involving the bowel,
 - 9 bladder or ureter.

9 1.5.2 If a transvaginal scan is not appropriate (for example, in women who have

10 never had sexual intercourse), consider a transabdominal ultrasound scan

11 of the pelvis.

12 1.5.3 Do not exclude the possibility of endometriosis if the ultrasound is normal.

13 If clinical suspicion remains or symptoms persist, consider referral for

14 further assessment and investigation.

15 **Serum CA125**

16 1.5.4 If a coincidentally reported serum CA125 level is available, be aware that:

- 17
- 18 • a raised serum CA125 (that is, 35 IU/ml or more) may be consistent
 - 19 with having endometriosis
 - 20 • endometriosis may be present despite a normal serum CA125 (less
 - 21 than 35 IU/ml).

21 1.5.5 Do not use serum CA125 to diagnose endometriosis.

22 **MRI**

23 1.5.6 Do not use pelvic MRI as the primary investigation to diagnose

24 endometriosis in women with symptoms suggestive of endometriosis.

25 1.5.7 Consider pelvic MRI to assess the extent of deep endometriosis involving

26 the bowel, bladder or ureter.

1 1.5.8 Ensure that MRI scans are interpreted by a healthcare professional with
2 specialist expertise in gynaecological imaging.

3 **Diagnostic laparoscopy**

4 Also refer to section 1.9 on surgical management and section 1.10 on surgical
5 management if fertility is a priority.

6 1.5.9 Consider laparoscopy to diagnose endometriosis in women with
7 suspected endometriosis, even if the ultrasound was normal.

8 1.5.10 For women with suspected deep endometriosis involving the bowel,
9 bladder or ureter, consider a pelvic ultrasound or MRI before an operative
10 laparoscopy.

11 1.5.11 During a diagnostic laparoscopy, a gynaecologist with training and skills in
12 laparoscopic surgery should perform a systematic inspection of the pelvis.

13 1.5.12 During a diagnostic laparoscopy, consider taking a biopsy of suspected
14 endometriosis:

- 15 • to confirm the diagnosis of endometriosis (be aware that a negative
16 histological result does not exclude endometriosis)
- 17 • to exclude malignancy if an endometrioma is treated but not excised.

18 1.5.13 If a full, systematic laparoscopy is performed and is normal, explain to the
19 woman that she does not have endometriosis, and offer alternative
20 management.

21 **1.6 Staging systems**

22 1.6.1 Offer endometriosis treatment according to the woman's symptoms,
23 preferences and priorities, rather than the stage of the endometriosis.

24 1.6.2 When endometriosis is diagnosed, the gynaecologist should document a
25 detailed description of the appearance and site of endometriosis (for
26 example, ovarian [endometriomas], superficial or deep endometriosis,
27 bowel, bladder or ureter involvement, and presence of adhesions).

1 **1.7** *Pharmacological pain management*

2 Also refer to section 1.8 on non-pharmacological management, section 1.9 on
3 surgical management, and section 1.10 on surgical management if fertility is a
4 priority.

5 **Analgesics**

6 1.7.1 For women with endometriosis-related pain, discuss the benefits and risks
7 of analgesics, taking into account any comorbidities and the woman's
8 preferences.

9 1.7.2 Consider a short trial (for example, 3 months) of paracetamol or a non-
10 steroidal anti-inflammatory drug (NSAID; alone or in combination) for first-
11 line management of endometriosis-related pain.

12 1.7.3 If a trial of paracetamol or an NSAID (alone or in combination) does not
13 provide adequate pain relief, consider other forms of pain management
14 and referral for further assessment.

15 **Neuromodulators and neuropathic pain treatments**

16 1.7.4 For recommendations on treating pain with neuromodulators, see the
17 NICE guideline on [neuropathic pain](#).

18 1.7.5 Do not use local anaesthetic injected through the cervix and fallopian
19 tubes to manage endometriosis-related pain.

20 **Hormonal treatments**

21 1.7.6 Explain to women with suspected or confirmed endometriosis that
22 hormonal treatment for endometriosis can reduce pain and has no
23 negative effect on subsequent fertility.

24 1.7.7 Offer hormonal treatment (for example, the oral contraceptive pill or long-
25 acting reversible contraception) to women with suspected, confirmed or
26 recurrent endometriosis.

27 1.7.8 If initial hormonal treatment for endometriosis is not effective, not tolerated
28 or is contraindicated, refer the woman to gynaecology services (see

1 recommendation 1.1.3), specialist endometriosis services (endometriosis
2 centres, see recommendation 1.1.4) or [paediatric and adolescent](#)
3 [gynaecology services](#) for investigation and treatment

4 **1.8 Non-pharmacological management**

5 1.8.1 Advise women that the available evidence does not support the use of
6 traditional Chinese medicine or other Chinese herbal medicines or
7 supplements for treating endometriosis.

8 **1.9 Surgical management**

9 1.9.1 Ask women about their symptoms, preferences and priorities with respect
10 to pain and fertility, to guide surgical decision-making.

11 1.9.2 Discuss surgical management options with women with suspected or
12 confirmed endometriosis. Discussions may include:

- 13 • what a laparoscopy involves
- 14 • that laparoscopy may include surgical treatment (with prior patient
15 consent)
- 16 • how laparoscopic surgery could affect endometriosis symptoms
- 17 • the possible benefits, risks and complications of laparoscopic surgery
- 18 • the possible need for further surgery (for example, for recurrent
19 endometriosis or if complications arise)
- 20 • the possible need for further planned surgery for deep endometriosis
21 involving the bowel, bladder or ureter.

22 1.9.3 Perform surgery laparoscopically unless there are contraindications.

23 1.9.4 During a laparoscopy to diagnose endometriosis, consider laparoscopic
24 treatment of the following, if present:

- 25 • peritoneal endometriosis not involving the bowel, bladder or ureter
- 26 • uncomplicated ovarian endometriomas.

1 1.9.5 As an adjunct to surgery for deep endometriosis involving the bowel,
2 bladder or ureter, consider 3 months of gonadotrophin-releasing hormone
3 agonists before surgery.

4 **Ablation compared with excision**

5 1.9.6 Consider excisional surgery rather than ablation to treat endometriomas,
6 taking into account the woman's desire for fertility and her ovarian
7 reserve. Also see [ovarian reserve testing](#) in the NICE guideline on fertility
8 problems.

9 **Combination treatments**

10 1.9.7 After laparoscopic excision or ablation of endometriosis, consider
11 hormonal treatment (with, for example, the oral contraceptive pill), to
12 prolong the benefits of surgery and manage symptoms.

13 **Hysterectomy**

14 1.9.8 Combine hysterectomy with excision of all visible endometriosis.

15 1.9.9 Perform hysterectomy laparoscopically unless there are contraindications.

16 1.9.10 For women thinking about having a hysterectomy, discuss the possibility
17 of having oophorectomy at the same time. Discussions should include:

- 18 • what a hysterectomy involves and when it may be needed
- 19 • how hysterectomy with and without oophorectomy could affect the
20 woman's endometriosis symptoms
- 21 • the risks and benefits
- 22 • recurrence and the possible need for further surgery
- 23 • hormone replacement therapy (also see the NICE guideline on
24 [menopause](#)).

25 **1.10 Surgical management if fertility is a priority**

26 The recommendations in this section should be interpreted within the context of
27 NICE's guideline on [fertility problems](#). The management of endometriosis-related
28 subfertility should have multidisciplinary team involvement with input from a fertility
29 specialist. This should include the recommended diagnostic fertility tests or

1 preoperative tests, as well as other recommended fertility treatments such as
2 assisted reproduction that are included in the NICE guideline on [fertility problems](#).

3 1.10.1 Offer excision or ablation of endometriosis plus adhesiolysis for
4 endometriosis not involving the bowel, bladder or ureter, because this
5 improves the chance of spontaneous pregnancy.

6 1.10.2 Offer laparoscopic [ovarian cystectomy](#) with excision of the cyst wall to
7 women with endometriomas, because this improves the chance of
8 spontaneous pregnancy and reduces recurrence. Take into account the
9 woman's ovarian reserve. (Also see [ovarian reserve testing](#) in the NICE
10 guideline on fertility problems.)

11 1.10.3 Consider laparoscopic surgery for women with deep endometriosis
12 involving the bowel, bladder or ureter and who are trying to conceive
13 (working in conjunction with a fertility specialist), because it may improve
14 the chance of spontaneous pregnancy.

15 1.10.4 Do not offer postoperative hormonal treatment to women with
16 endometriosis who are trying to conceive, because it does not improve
17 spontaneous pregnancy rates.

18 ***Terms used in this guideline***

19 **Chronic pelvic pain**

20 Defined as pelvic pain lasting for 6 months or longer.

21 **Non-specialist services**

22 Non-specialist services include: GPs, sexual health services, practice nurses and
23 school nurses.

24 **Paediatric and adolescent gynaecology service**

25 Paediatric and adolescent gynaecology services are hospital-based, multidisciplinary
26 specialist services for girls and young women (usually aged under 18).

1 **Ovarian cystectomy**

2 Ovarian cystectomy is a surgical excision of an ovarian endometriotic cyst. An
3 ovarian endometrioma is a cystic mass arising from ectopic endometrial tissue within
4 the ovary.

5 **Putting this guideline into practice**

6 [This section will be finalised after consultation]

7 NICE has produced [tools and resources](#) [link to tools and resources tab] to help you
8 put this guideline into practice.

9 [Optional paragraph if issues raised] Some issues were highlighted that might need
10 specific thought when implementing the recommendations. These were raised during
11 the development of this guideline. They are:

- 12 • [add any issues specific to guideline here]
- 13 • [Use 'Bullet left 1 last' style for the final item in this list.]

14 Putting recommendations into practice can take time. How long may vary from
15 guideline to guideline, and depends on how much change in practice or services is
16 needed. Implementing change is most effective when aligned with local priorities.

17 Changes recommended for clinical practice that can be done quickly – like changes
18 in prescribing practice – should be shared quickly. This is because healthcare
19 professionals should use guidelines to guide their work – as is required by
20 professional regulating bodies such as the General Medical and Nursing and
21 Midwifery Councils.

22 Changes should be implemented as soon as possible, unless there is a good reason
23 for not doing so (for example, if it would be better value for money if a package of
24 recommendations were all implemented at once).

25 Different organisations may need different approaches to implementation, depending
26 on their size and function. Sometimes individual practitioners may be able to respond
27 to recommendations to improve their practice more quickly than large organisations.

1 Here are some pointers to help organisations put NICE guidelines into practice:

2 1. **Raise awareness** through routine communication channels, such as email or
3 newsletters, regular meetings, internal staff briefings and other communications with
4 all relevant partner organisations. Identify things staff can include in their own
5 practice straight away.

6 2. **Identify a lead** with an interest in the topic to champion the guideline and motivate
7 others to support its use and make service changes, and to find out any significant
8 issues locally.

9 3. **Carry out a baseline assessment** against the recommendations to find out
10 whether there are gaps in current service provision.

11 4. **Think about what data you need to measure improvement** and plan how you
12 will collect it. You may want to work with other health and social care organisations
13 and specialist groups to compare current practice with the recommendations. This
14 may also help identify local issues that will slow or prevent implementation.

15 5. **Develop an action plan**, with the steps needed to put the guideline into practice,
16 and make sure it is ready as soon as possible. Big, complex changes may take
17 longer to implement, but some may be quick and easy to do. An action plan will help
18 in both cases.

19 6. **For very big changes** include milestones and a business case, which will set out
20 additional costs, savings and possible areas for disinvestment. A small project group
21 could develop the action plan. The group might include the guideline champion, a
22 senior organisational sponsor, staff involved in the associated services, finance and
23 information professionals.

24 7. **Implement the action plan** with oversight from the lead and the project group.
25 Big projects may also need project management support.

26 8. **Review and monitor** how well the guideline is being implemented through the
27 project group. Share progress with those involved in making improvements, as well
28 as relevant boards and local partners.

1 NICE provides a comprehensive programme of support and resources to maximise
2 uptake and use of evidence and guidance. See our [into practice](#) pages for more
3 information.

4 Also see Leng G, Moore V, Abraham S, editors (2014) [Achieving high quality care –](#)
5 [practical experience from NICE](#). Chichester: Wiley.

6 **Context**

7 Endometriosis is one of the most common gynaecological diseases needing
8 treatment. It is defined as the growth of endometrial-like tissue (the womb lining)
9 outside the uterus (womb). Endometriosis is mainly a disease of the reproductive
10 years, and although its exact cause is unknown, it is associated with menstruation.
11 Delaying childbearing, either by choice or because of subfertility, may be a risk factor
12 for endometriosis.

13 Endometriosis is typically associated with symptoms such as pelvic pain, painful
14 periods and subfertility. Endometriosis is also associated with lower quality of life,
15 and women with endometriosis report frequent pain, tiredness, more sick days and
16 feeling depressed. Endometriosis is an important cause of subfertility and this can
17 also have a significant effect on quality of life.

18 Women may also have endometriosis without these symptoms, so it is difficult to
19 know how common the disease is in the population. It is also unclear whether the
20 disease is always progressive or can remain stable or improve with time.

21 Delayed diagnosis is a significant problem for women with endometriosis. Patient
22 self-help groups emphasise that healthcare professionals often do not recognise the
23 importance of symptoms or consider endometriosis as a possibility. Delays of 4 to
24 10 years can occur between first reporting symptoms and confirming the diagnosis.
25 Many women report that the delay in diagnosis leads to increased personal suffering,
26 prolonged ill health and a disease state that is more difficult to treat.

27 Diagnosis is mainly by laparoscopic visualisation of the pelvis, but other, less
28 invasive methods may be used, including ultrasound.

1 Management options for endometriosis include pharmacological, non-
2 pharmacological and surgical treatments. Endometriosis is an oestrogen-dependent
3 condition. Most drug treatments for endometriosis work by suppressing ovarian
4 function, and are contraceptive. Surgical treatment aims to remove or destroy
5 deposits of endometrial tissue. The choice of treatment depends on the woman's
6 preferences and priorities in terms of pain management and/or fertility.

7 Endometriosis is a chronic condition affecting women throughout their reproductive
8 lives. Women's priorities and preferences may change over time and management
9 strategies should change to reflect this.

10 This guideline makes recommendations for the diagnosis and management of
11 endometriosis in [non-specialist settings](#), gynaecology services (see
12 [recommendation 1.1.3](#)) and specialist endometriosis services (endometriosis
13 centres; see [recommendation 1.1.4](#)). Women with endometriosis typically present to
14 non-specialist services with pain, and may then be referred to gynaecology services
15 for diagnosis and management. Some women may present to fertility services.
16 Complex surgical treatment is carried out in specialist endometriosis services
17 (endometriosis centres), which incorporate a multidisciplinary team.

18 The guideline also covers the care of women with confirmed or suspected
19 endometriosis, including recurrent endometriosis. It includes women who do not
20 have symptoms but have endometriosis discovered incidentally. Special
21 consideration was given to young women (aged 17 and under). The guideline does
22 not cover the care of women with endometriosis occurring outside the pelvis, nor
23 postmenopausal women.

24 ***More information***

[The following sentence is for post-consultation versions only – editor to
update hyperlink with guideline number] You can also see this guideline in the
NICE pathway on [\[pathway title\]](#). [Note: this should link to the specific topic
pathway, not to the overarching one.]

To find out what NICE has said on topics related to this guideline, see our web page on [developer to add and link topic page title or titles; editors can advise if needed].

[The following sentence is for post-consultation versions only – editor to update hyperlink with guideline number] See also the guideline committee’s discussion and the evidence reviews (in the [full guideline](#)), and information about [how the guideline was developed](#), including details of the committee.

1

2 **Recommendations for research**

3 The guideline committee has made the following recommendations for research.

4 ***1 Pain management programmes***

5 Are pain management programmes a clinically and cost-effective intervention for
6 women with endometriosis?

7 **Why this is important**

8 Pain is one of the most debilitating symptoms of endometriosis. Endometriosis-
9 related pain can be acute or chronic, and can adversely affect the woman’s quality of
10 life, ability to work, and can affect partners and their families.

11 Pain management programmes have been found to be effective in managing chronic
12 pelvic pain and increase quality of life. However, it is unclear how much of this small
13 evidence base can be generalised to women with endometriosis for which evidence
14 is lacking. Furthermore, pain management programmes have not been compared
15 with other treatments available for endometriosis. Pain management programmes
16 promote self-management and are often provided in the community.

17 If found to be effective for endometriosis, pain management programmes would
18 provide an additional or alternative treatment option for women experiencing
19 endometriosis-related pain. Groups of particular interest are women for whom
20 hormonal and surgical options have been exhausted, women who would prefer an

1 alternative to a pharmacological or surgical approach, and women who may be
2 prioritising trying to conceive.

3 ***2 Laparoscopic treatment of peritoneal endometriosis (excision or*** 4 ***ablation)***

5 Is laparoscopic treatment (excision or ablation) of peritoneal disease in isolation
6 effective for managing endometriosis-related pain?

7 **Why this is important**

8 Isolated peritoneal endometriosis can be an incidental finding in women who do not
9 experience any pain. This raises the possibility that isolated peritoneal endometriosis
10 may not actually be the cause of pain.

11 Research is needed to determine whether laparoscopic treatment of isolated
12 peritoneal endometriosis in women with endometriosis-related pain results in a cost-
13 effective improvement in symptoms.

14 The current literature does not provide a clear answer because the stage of
15 endometriosis is often not sufficiently clearly defined in research studies, and the
16 treatment modalities used are multiple and various. The resultant amalgamation of
17 various stages of endometriosis and variable treatment modalities leads to loss of
18 certainty of outcome in this specific group of women.

19 Establishing whether treating isolated peritoneal endometriosis is cost effective is
20 important, because this forms a large part of the workload in general gynaecology,
21 and uses considerable resources.

22 ***3 Lifestyle interventions (diet and exercise)***

23 Are specialist lifestyle interventions (diet and exercise) effective, compared with no
24 specialist lifestyle interventions, for women with endometriosis?

25 **Why this is important**

26 Endometriosis is a long-term condition that can cause acute and chronic pain, and
27 fatigue. It has a significant and sometimes severe impact on the woman's quality of

1 life and activities of daily living, including relationships and sexuality, ability to work,
2 fertility, fitness and mental health.

3 Supporting self-management is critical to improving quality of life for women living
4 with endometriosis. In order to successfully self-manage the condition, women need
5 evidence-based, easily accessible information about the condition and ways of
6 managing it that support surgical and medical treatment. However, no high-quality
7 research was identified on the effectiveness of lifestyle interventions such as diet or
8 exercise and other non-medical treatments in reducing pain, fatigue and other
9 symptoms.

10 Studies should aim to provide evidence-based options to support self-management
11 of endometriosis. This would improve the quality of life of women with endometriosis,
12 enabling them to manage pain and fatigue, and reducing the negative impact on their
13 career, relationships, sex lives, fertility, and physical and emotional wellbeing.

14 ***4 Information and support***

15 What information and support interventions are effective to help women with
16 endometriosis deal with their symptoms and improve their quality of lives?

17 **Why this is important**

18 This guideline has identified that women with endometriosis and their partners feel
19 that information and support is not always provided in the way that best meet their
20 needs. However, the direct effectiveness of different types or formats of information
21 and support interventions on measurable outcomes such as health-related quality of
22 life and level of function (for example, activities of daily living) have not been tested.
23 Good practice in this area in non-specialist and specialist settings can improve
24 satisfaction with the care provided. It may also improve quality of life and positively
25 affect relationships between healthcare professionals and the woman with
26 endometriosis, as well as the woman's personal family relationships.

27 **ISBN:**