

Endometriosis Clinical and Genetic Research in India (ECGRI)



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National Endometriosis Clinical Database
National Endometriosis Genomic Database
National Endometriosis Biorepository

Schedule A Visit With Your Doctor

If you have any of the symptoms suggestive of endometriosis, please consult your gynaecologist.

If endometriosis is suspected, the surgeon will perform laparoscopy (a key hole surgery, passing a small thin, light tube in the abdomen) to diagnose the endometriosis.

For more information on endometriosis research, you may contact.

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Endometriosis Society of India

Women's Health Endometriosis

Research

Education

Awareness



"Don't suffer in Silence"



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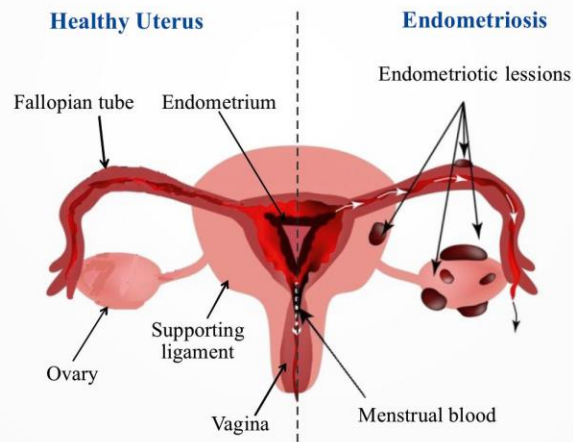
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Menstrual Cycle

Puberty is gradual development of a child into an adult which is seen from 8 to 16 years of age in females.

Women have menstrual cycles or 'periods' and the duration of the menstrual cycle varies from 25 – 30 days with an average length of 28 days. The female body exhibits this phenomenon every month from the age of puberty to the age of menopause (usually 40 years and beyond).

During pregnancy, the fertilized egg attaches to the inner lining of the uterus called **endometrium**. However, in the absence of pregnancy, the endometrial lining breaks and there is bleeding through the vagina.



What is Endometriosis?

Endometriosis is a condition in which tissue *similar* to the lining of the uterus grows at various sites like the fallopian tubes, ovaries, tissues or ligaments supporting the uterus, but can also spread to the bladder, bowel and appendix (Johnson et al., 2017).

What happens in Endometriosis?

The endometriotic tissues which grows outside of the uterus also bleeds every month during periods. The blood does not have any path to pass out of the body. Therefore it starts accumulating in these sites and causes the neighboring tissues to adhere to each other, resulting in damage of organs in the pelvic region.

How common is Endometriosis?

Endometriosis affects approximately 10% of women in reproductive age in any population.



Symptoms



What can be the Cause of Endometriosis?

The exact cause of endometriosis is not yet known. Studies are being conducted to understand the causes of endometriosis. Following are the probable cause of endometriosis.



Reproductive and Menstrual factors



Genetics, Family history



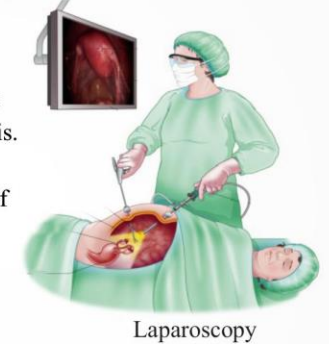
Environment



Impaired immunity

Diagnosis

There is no simple blood test for diagnosis of endometriosis. Laparoscopic surgery is the gold standard for diagnosis of endometriosis along with histological confirmation.



Laparoscopy

Management of Endometriosis

Although there is no permanent cure, women may be benefited by surgery and/or medications to get relief from symptoms.



Pain Medication



Contraceptive pills/ Hormones



Laparoscopy

However, it is observed that 1 in 5 women might have a recurrence of symptoms.