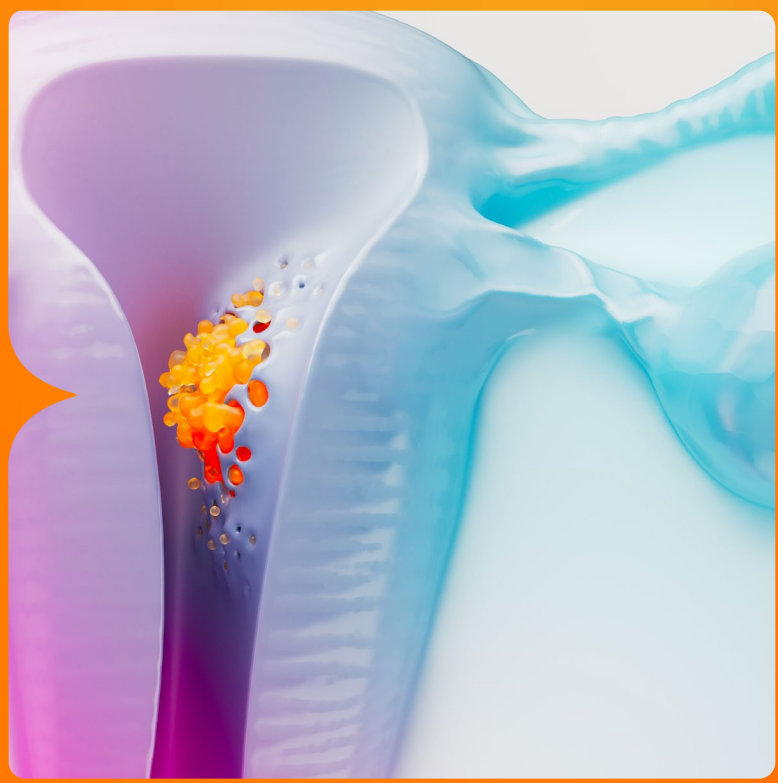


# What is endometrial cancer?

Endometrial cancer is a cancer that originates in the inner lining of the uterus, known as the endometrium.<sup>1</sup>



## Signs and symptoms<sup>1</sup>

### Symptoms common in all stages of endometrial cancer:

Abnormal vaginal bleeding is the most common symptom and should be discussed with your doctor. This may include vaginal bleeding or discharge not related to menstruation, or vaginal bleeding after menopause.

### Symptoms more common in advanced endometrial cancer:

- Difficult or painful urination
- Pain during sexual intercourse
- Pain in the pelvic area or lower back

**Endometrial cancer is the most common gynaecologic cancer** in developed countries, with an estimated 1.6 million people living with active disease at any stage.<sup>2,3</sup>

Approximately **420,000 new cases** of endometrial cancer are reported each year worldwide.<sup>4</sup>

The number of people diagnosed with endometrial cancer is increasing. The incidence rate is estimated to **rise by almost 40% globally by 2040**, as compared to 2020.<sup>5</sup>

At the time of diagnosis, 15–20% of patients with endometrial cancer will have advanced disease, when the cancer is **more difficult to treat**.<sup>7,8</sup>

Most endometrial cancer patients are **diagnosed at an early stage, when prognosis is optimal**. However due to the high incidence of endometrial cancer, it has the 3rd highest mortality rate of gynaecologic cancers.<sup>4</sup>

Endometrial cancer is most often diagnosed in people between the ages of **50 and 70 years old**.<sup>6</sup>



## Biomarker testing

Biomarker and genetic testing are critical to inform treatment plans.

Common biomarkers to test for include mismatch repair (MMR) and microsatellite instability (MSI). Endometrial cancer has the highest prevalence of mismatch repair deficiency (dMMR) and microsatellite instability (MSI-H) of all tumours.<sup>9</sup>

Other important biomarkers to test for can include estrogen receptors, progesterone receptors, p53 and HER2.<sup>10, 12</sup>



## Treatment

Treatment for endometrial cancer may include a combination of the following:<sup>11</sup>

- Surgery
- Systemic treatment such as radiation therapy (i.e. external beam radiation therapy) for those with higher risk or more advanced disease

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