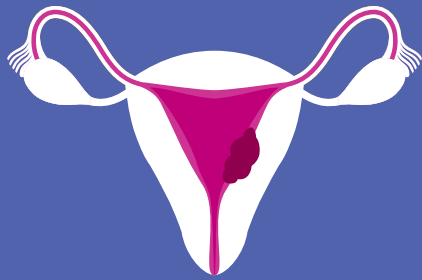


What is Endometrial Cancer?



Endometrial cancer is found in the inner lining of the uterus, known as the endometrium.

Signs and Symptoms¹



Vaginal bleeding or discharge not related to menstruation



Vaginal bleeding after menopause



Difficult or painful urination



Pain during sexual intercourse



Pain in the pelvic area

Patients and Prevalence



Endometrial cancer is the **6th most common cancer** in women worldwide and the **2nd most common gynaecological cancer**.^{2,3}



There are approximately **380,000 new cases reported each year** worldwide.²



Diagnoses of endometrial cancer have increased worldwide in recent years, with rates doubling from 2000-2010.⁴



Of gynaecological cancers, endometrial cancer has the **4th highest mortality rate**.⁵



The incidence of endometrial cancer is highest in **post-menopausal women**, with a median age of **61 years**.⁵

Treatment Challenges in Advanced or Recurrent Disease



While there are limited therapies for patients with advanced or recurring endometrial cancer who progress on or after platinum-based chemotherapy, and prognoses for these patients are poor, new treatments are being developed.¹

Endometrial cancer has the highest rate of mismatch repair deficiency (dMMR) and microsatellite instability (MSI-H) of all tumours.⁶

Tumours with dMMR have increased mutation rates, making these tumours more likely to respond to a class of therapies called PD (programmed death)-1 and PD-L1.^{6,7}

¹ Endometrial Cancer Treatment (PDQ®)– Health Professional Version. National Cancer Institute. <https://www.cancer.gov/types/uterine/hp/endometrial-treatment-pdq>. Accessed May 2020.

² Endometrial cancer statistics. World Cancer Research Fund. <https://www.wcrf.org/dietandcancer/cancer-trends/worldwide-cancer-data>. Published 2018. Accessed May 2020.

³ Bray F, Ferlay J, Soerjomataram I, Siegel RL, Torre LA, Jemal A. Global cancer statistics 2018: GLOBOCAN estimates of incidence and mortality worldwide for 36 cancers in 185 countries. *CA Cancer J Clin*. 2018;68:394–424.

⁴ Lortet-Tieulent J, Ferlay J, Bray F., Jemal A. International Patterns and Trends in Endometrial Cancer Incidence, 1978–2013. *JNCI: Journal of the National Cancer Institute*. 2018;110(4): 354–361.

⁵ TV Ajithkumar. Oxford desk reference. Oxford: Oxford University Press. 2011.

⁶ Bonneville R, Krook MA, Kautto EA, et al. Landscape of Microsatellite Instability Across 39 Cancer Types. *JCO Precis Oncol*. 2017;1-15.

⁷ Le DT, Uram JN, Wang H, et al. PD-1 blockade in tumors with mismatch-repair deficiency. *N Engl J Med*. 2015;372: 2509-2520.