



The Biology of Cancer: Endometrial Cancer

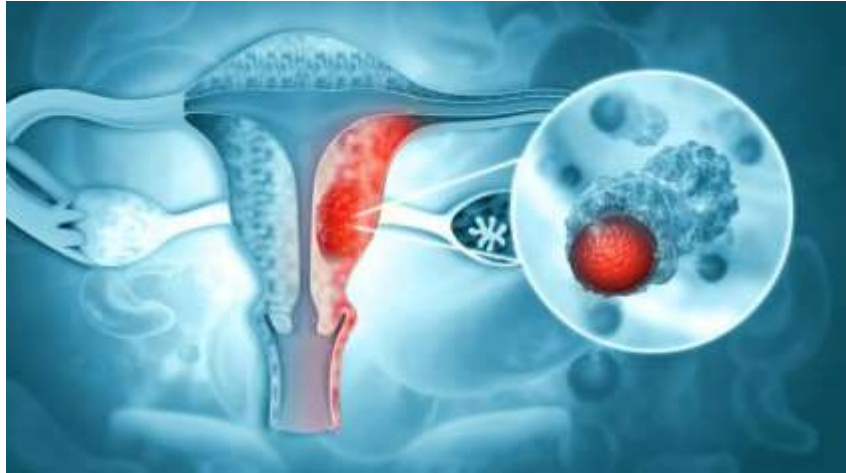
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Statistic	Value/Description
Overall Incidence	Significant among gynecologic malignancies (Crosbie et al., 2022)
Morbidity	Influenced by cancer stage at diagnosis (Jamieson et al., 2021)
Five-Year Survival (Localized)	81% for localized stages (American Cancer Society)
Incidence in Postmenopausal	Rates higher in postmenopausal women (Guo et al., 2021)
Survival Disparities	Noted across different racial groups (Donkers et al., 2019)
Importance of Early Detection	Screening and early detection critical for prognosis (American Cancer Society)

Incidence and Survival Rates

(BRÜGGMANN ET AL., 1-15)



Symptoms of Endometrial Cancer

Unusual vaginal bleeding or discharge (American Cancer Society)

Pelvic pain and pressure symptoms (MedlinePlus).

Unexplained weight loss and fatigue (American Cancer Society)

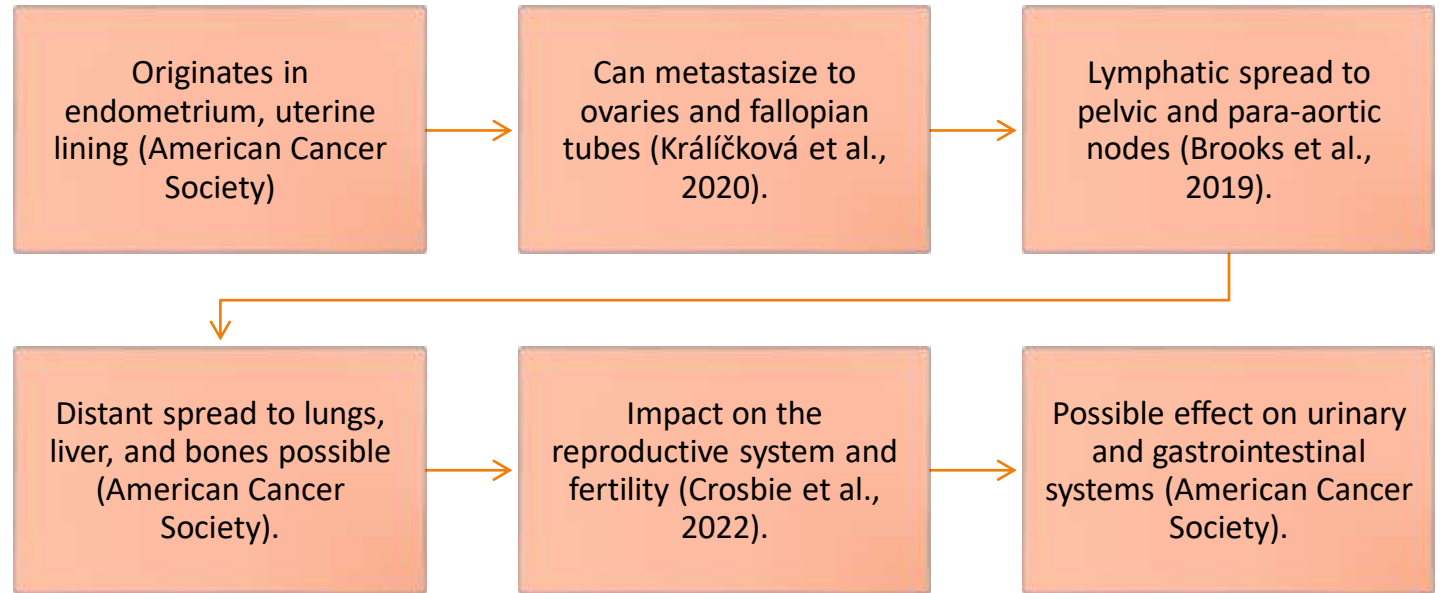
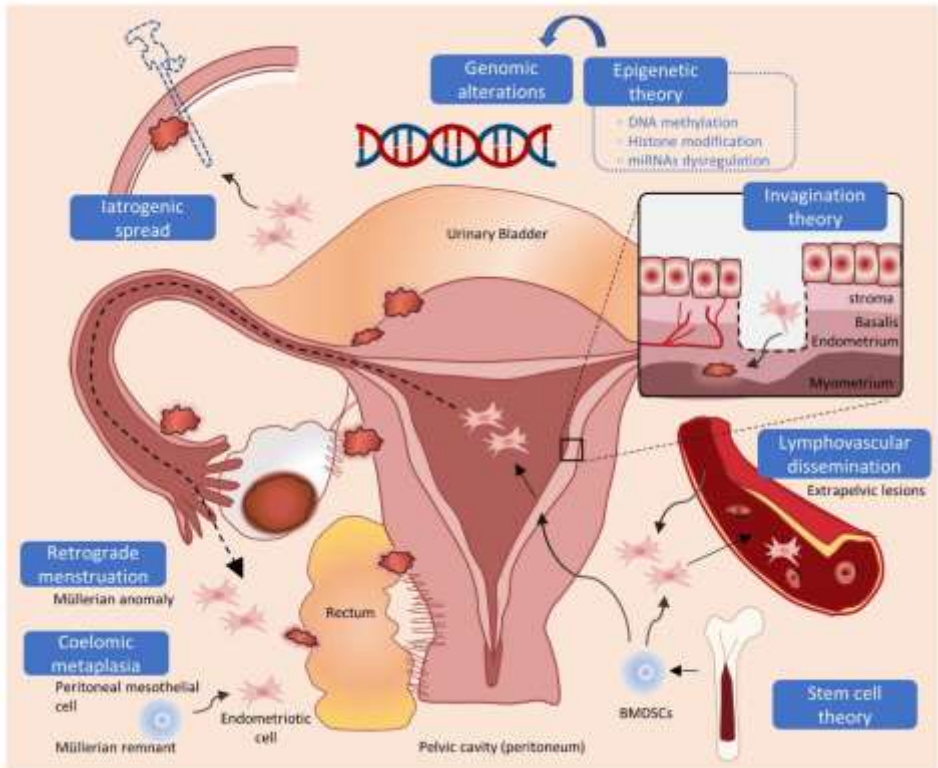
Difficult or painful urination (MedlinePlus)

Gastrointestinal symptoms like constipation (American Cancer Society)

Enlargement of the uterus palpable on physical exam (MedlinePlus)



Body Systems and Organs Affected by Endometrial Cancer



Treatment Options for Endometrial Cancer



Chemotherapy – For advanced or recurrent cases (Brooks et al., 2019)

Hormone therapy – Targets hormone-receptor-positive cancers (Jamieson et al., 2021).

Clinical trials – Exploring novel treatments (Guo, Levine, & Berenson, 2021).

Radiation – Adjuvant therapy post-surgery (American Cancer Society)

Immunotherapy – Emerging option for specific cases (Crosbie et al., 2022).

Surgery – Hysterectomy as primary treatment (American Cancer Society)

Lifestyle Choices to Reduce Endometrial Cancer Risk



Maintain Healthy Weight – Lower obesity risk (American Cancer Society).

Regular Exercise – Reduces cancer risk (American Cancer Society).

Balanced Diet – Emphasis on plant-based foods (Yasin, Taylor, & Ayakannu, 2021).

Limited Alcohol – Decreases hormonal cancer risk (American Cancer Society).

Non-Smoking – Tobacco use correlates with cancer incidence (Králíčková, Vetvicka, & Laganà, 2020).

Manage Comorbidities – Control diabetes, hypertension (Donkers et al., 2019).

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