**Abstract**

Ovarian cancer (OC) is an aggressive gynecological disease that appears as a mass on ovaries, often spreading throughout the body. This project explains ovarian cancer and the role of computed tomography (CT) in diagnosing the disease. Diagnostic procedures, symptoms, pathology, staging criteria, and treatment options are also discussed. Affecting females, it is the seventh most common cancer paired with the highest mortality rate. The risk of developing ovarian cancer in one’s lifetime is about 1 in 87. Computed tomography provides a comprehensive cross-sectional evaluation of the genitourinary system. As such, CT is a valuable Medical Imaging modality for the evaluation of primary and metastatic impact of ovarian cancer. Early diagnosis is essential for a good prognosis of this common and devastating disease. Treatments for ovarian cancer include surgery, chemotherapy, and radiation therapy to slow the progression and in some cases cure patients. After treatment, computed tomography and other tests play essential roles in monitoring for recurrence of ovarian cancer.

*Keywords:* ovarian cancer, OC, computed tomography, CT, metastasis