**Abstract**

**Introduction**: Computed tomography of the urinary tract is an imaging test used to evaluate the urinary tract. The urinary tract includes the kidneys, bladder, and the tubes (ureters) that carry urine from the kidneys to the bladder; Your doctor may recommend a CT scan of your urinary system if you have signs and symptoms, such as pain in your side or back, or blood in your urine, that may be associated with a urinary tract disorder. A computerized tomography of the urinary system is used to help diagnose diseases of the urinary system, such as :

* Kidney stones
* Bladder stones
* Complex infections
* Tumors and cysts
* Cancer

**Aim**: Computerized tomography of the urinary system is used to examine the kidneys, ureters, and bladder. It allows the doctor to see the size and shape of these organs to determine if they are functioning properly and to look for any signs of disease that may affect the urinary system.

**Method**: Computerized tomography of the urinary system uses X-rays to create multiple images of a slice of the area being studied in the body, then these images are sent to a computer and quickly reconstructed into detailed two-dimensional images. During computerized tomography of the urinary system, an X-ray dye ( Contrast material (iodine) Intravenous dye flows into the kidneys, ureters, and bladder to highlight these organs.

**Resulting**: A doctor who specializes in reading x-rays (radiologist) will review the x-ray images, interpret them from the urological CT scan, and send the reports to the doctor.

**Conclusion:** Computerized tomography of the urinary system is the best method for examining and diagnosing diseases and abnormalities such as (stones, cysts, and cancers) of the urinary system.