



(AUR) Acute Urinary Retention

Dr Ardalan Asadollahpour
Uro-Oncology Fellowship

Incidence

Male > 70 y	10%
Male > 80 y	33%

$$F/m = 1/13$$

Pathogenesis and Etiologies

Outflow Obstruction

Neurogenic impairment

Acute on Chronic Urinary retention

Inefficient Detrusor muscle

- ▶ Acute distended bladder

Medications

- ▶ Anticholinergic
- ▶ Sympathomimetic

Infection

- ▶ Acute Prostatitis
- ▶ Genital Herpes



▶ Trauma

▶ Other

Clinical Presentation

- ▶ Symptoms
- ▶ Physical Examination

Diagnosis

- ▶ Sonography
- ▶ Catheterization

Post- Diagnostic Evaluation

- ▶ DRE
- ▶ Pelvic Examination

Lab Studies

- ▶ CBC
- ▶ Creat
- ▶ U/A
- ▶ U/C
- ▶ PSA (?)

Acute Management

- ▶ Urethral Catheterization
- ▶ Voiding Trial
- ▶ Contraindications
- ▶ Difficulties
- ▶ Complications
- ▶ Duration
- ▶ CIC

Acute Management

- ▶ Trial Without a Catheter