

# Essential Urology for Rural GP's



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# Topics



- Urinary retention
- BPH
- Macroscopic haematuria
- Renal Colic
- PSA
- Prostate cancer
- Minimally invasive surgery

# Urinary retention



- Catheter
- Cause? Precipitants
  
- BPH
- Stricture
- Prostate cancer
- Detrusor failure

# Can't get a catheter in



- BPH- go bigger
- Stricture- go smaller
- Flexible cystoscope direct vision
- Slippery wire and dilators (Cook)
- Suprapubic

# BPH/LUTS



- Easy
- Exclude prostate cancer
- How much bother?
- Mild- conservative management
- Moderate- medical management
- Severe- surgery

# Macroscopic haematuria



- Cause
- Upper tracts- CT IVP
- Lower tract- MSU, Cytology, PSA, DRE, cystoscopy
- Management according to cause

# Renal colic



- Analgesia
- Imaging
- Treatment

# PSA



- Good test, not a perfect test
- New guidelines 40
- Age specific reference
- Median PSA
  
- Biopsy

# Prostate cancer



- PIVOT trial
- ESPRC/PLCO
- Active surveillance
- Radical prostatectomy
- Radiation therapy (External/Brachytherapy)

# Minimally invasive surgery



- Laparoscopy
- Robotic surgery