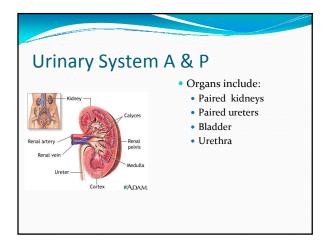
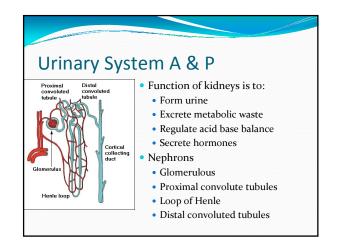


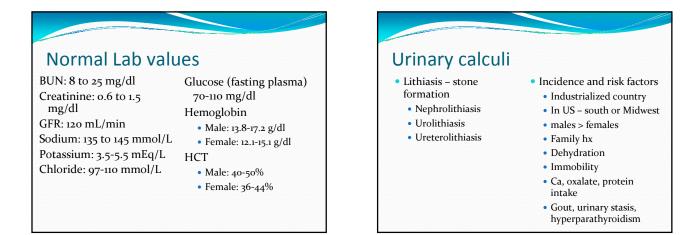
Urinary Disorders

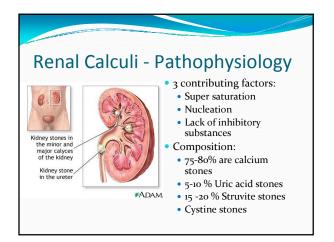
Objectives

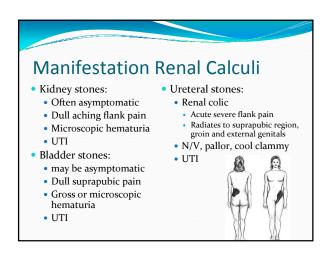
- Review anatomy and physiology
- Discuss etiology, pathophysiology, manifestation, management and nursing diagnosis of:
 - Renal calculi
 - Polycystic kidney disease
 - Glomerulonephritis
 - Prostatitis
 - BPH

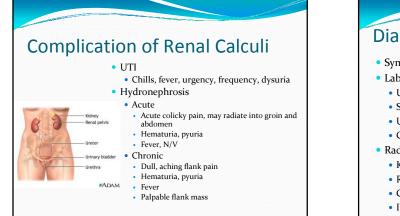


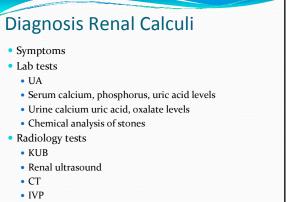


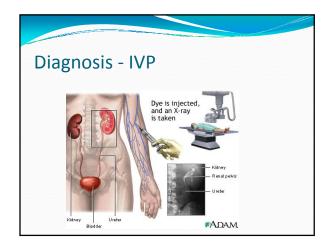


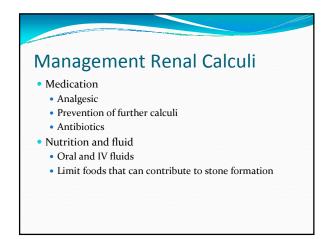


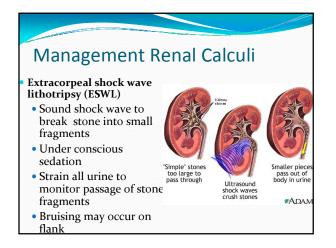


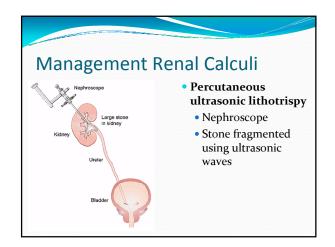


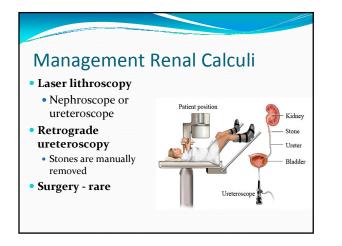


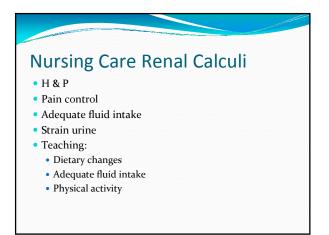






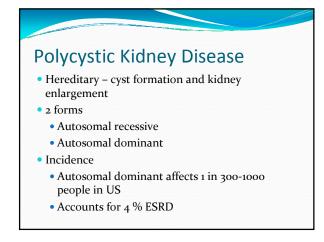


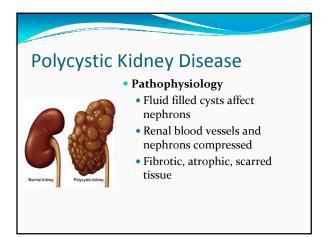




Nursing Diagnosis – Renal Calculi

- Acute pain
- Impaired urinary elimination
- Knowledge deficit
- Risk for infection
- Fluid volume deficit





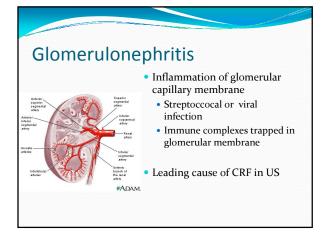
Polycystic Kidney Disease Manifestation • Slow progression • Flank pain, hematuria, • UTI, calculi, HTN, • CRF

Polycystic Kidney Disease -Management

- Diagnosis
 - Renal US
 - IVP
 - CT
- Supportive management
 - Avoid further renal damage
 - Stress increased fluid intake
 - Control HTN

Polycystic Kidney Disease – Nursing Dx

- Knowledge deficit
- Risk for ineffective coping
- Chronic /acute pain
- Constipation
- Risk for infection
- Potential for HTN
- Potential for renal failure
- Excess fluid volume



Glomerulonephritis - Manifestation • Acute disease onset rapid • Hematuria, proteinuria, salt and H2O retention • Brown urine • Edema • HTN • Fatigue • Anorexia • N/V • Pulmonary infiltrates

Glomerulonephritis

• Nephrotic syndrome

- Proteinuria, hypoalbinemia, hyperlipidemia,
- Glomerulonephropathy
- Edema
- Risk of thromboemboli
- Risk for renal impairment

Glomerulonephritis

- Good-pasture syndrome
 - Auto-imune disorder
 - Unknown etiology
 - Antibodies form
 - Mainly affects young men
 - Causes hematuria, proteinuria, edema

Glomerulonephritis Chronic glomerulonephritis Progressive

- Progressive
- Kidneys decrease in sizeCourse varies

<section-header> Streptococci detection Throat or skin culture Antistreptolysin O (ASO) tite ESR KUB Kidney scan Biopsy BUN Creatinine Creatinine clearance Serum electrolytes

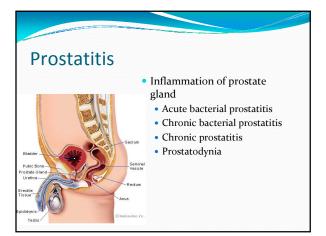
• UA

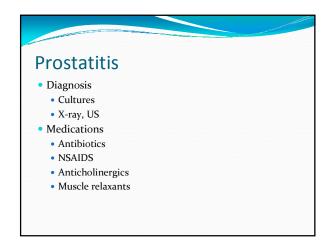
Glomerulonephritis- Management

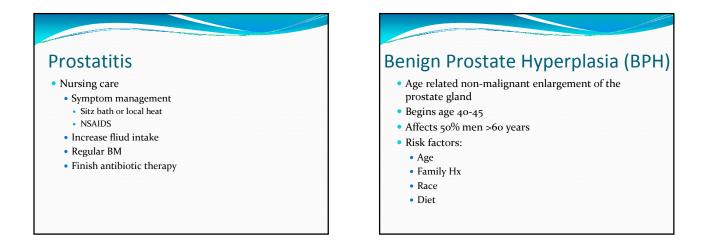
- Medication
 - Antibiotics
 - Immunosuppressive therapy
- Treatment
 - Bedrest
 - Na , K, and protein restriction
 - Diuretics
 - Plasmapheresis
 - Dialysis

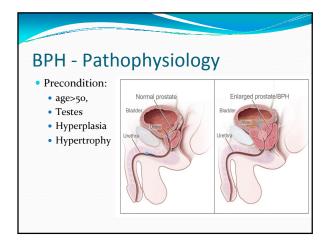
Glomerulonephritis –Nursing Dx

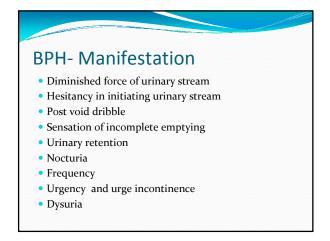
- Excess fluid volume
- Ineffective tissue perfusion
- Risk for imbalanced nutrition
- Ineffective protection
- Risk for ineffective therapeutic regimen management
- Fatigue
- Ineffective role performance

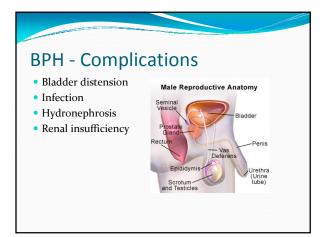


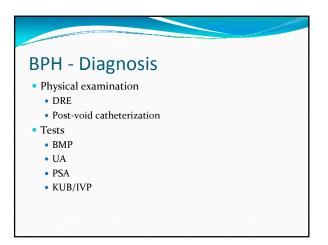






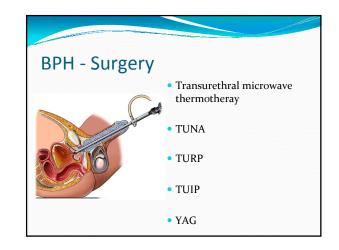


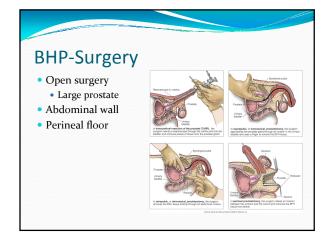


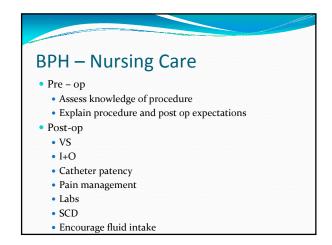




Bladder neck obstruction syndrome (frequency, urgency)

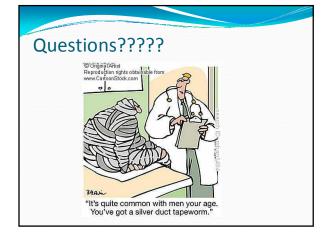








BPH – Nursing Dianosis Knowledge deficit Acute pain Urinary retention Risk for infection Risk for imbalanced fluid volume

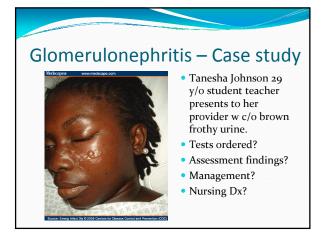






- David Foster, 28 y/o carpenter admitted w severe right sided flank pain
- Tests ordered?
- Assessment findings?
- Management?
- Nursing Dx?





Benign Prostate Hyperplasia



Frank Johnson 65 y/o retired bank manager c/o urinary frequency – small amounts only
Tests ordered?

- Assessment findings?
- Management?
- Nursing Dx?