

Renal Functions The Kidney does lots of stuff RBC production Erythropoietin Calcium metabolism By means of phosphate elimination. Acid-Base balance. Na+ and K+ balance Processes Budweiser into urine

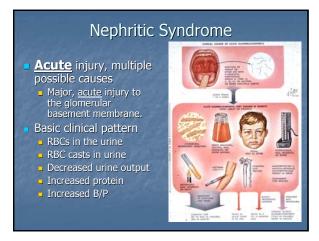
Amniotic Fluid Amniotic fluid is mostly urine produced by the developing fetus. No urine, no kidneys or Major malconnections of lower urinary tract. If the expectant mother is 'small for dates', the fetus may have problems with renal development.

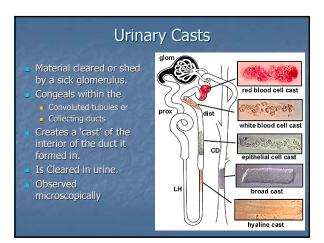


Big Ticket Items Immunological injury Glomerulus Interstitial tissue Vascular injury or compromise Diabetes Hypertension Infections

Upper urinary tractLower urinary tract



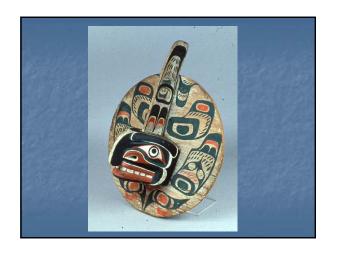


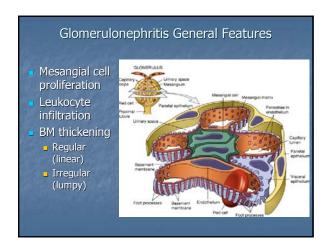


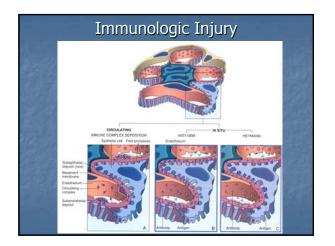


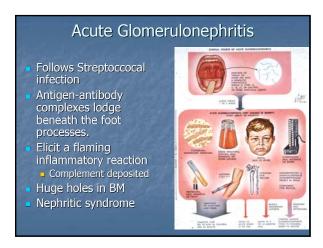


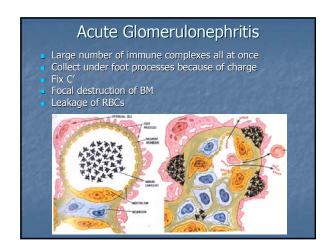


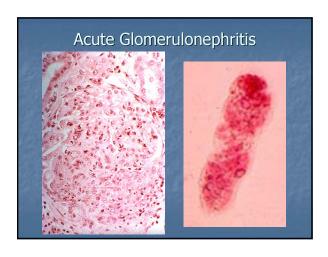


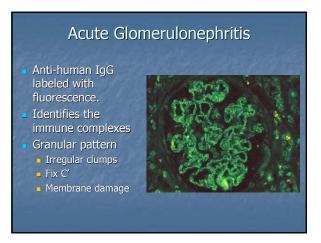


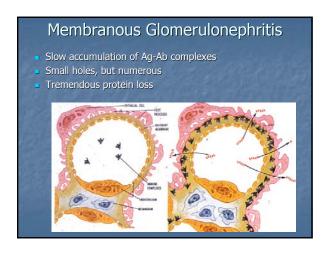


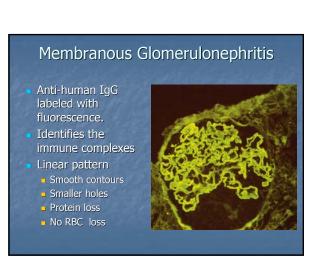


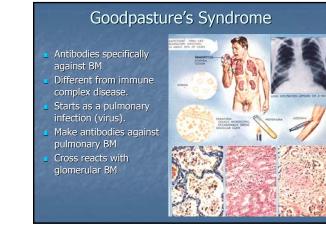


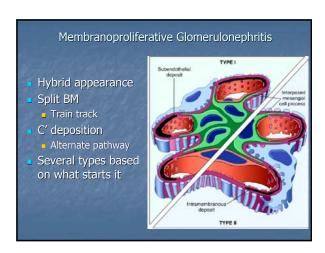


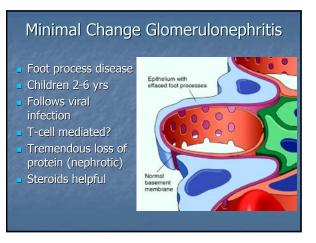






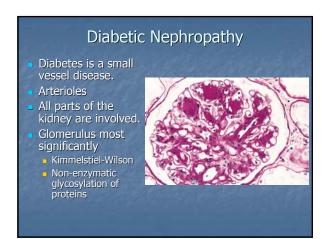


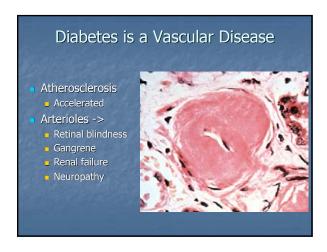


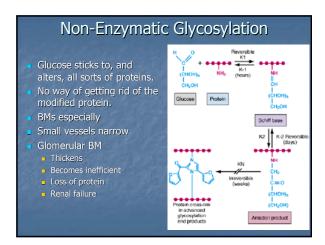


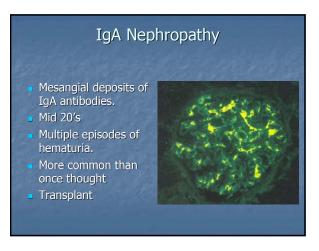








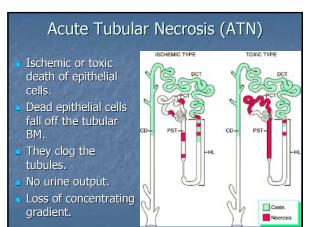


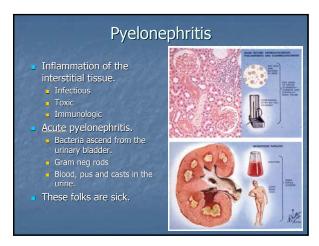


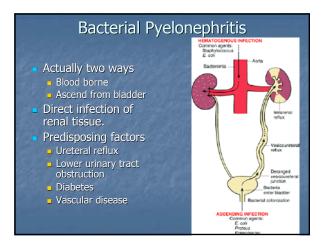


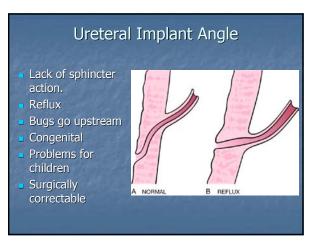
Tubular and Interstitial Disease

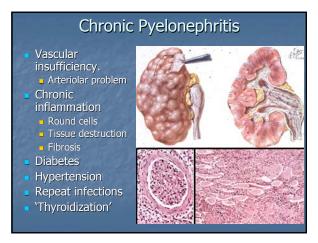
- Acute tubular necrosis
 - Pure tubular cell condition
 - Ischemia or toxic
- Interstitial (Pyelonephritis)
 - Toxio
 - Infectious
 - Autoimmune (medications)

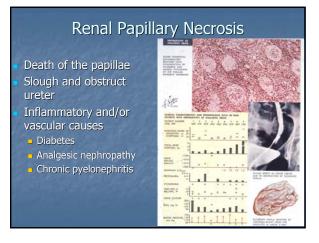


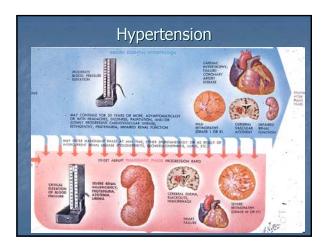


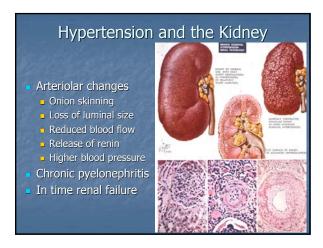


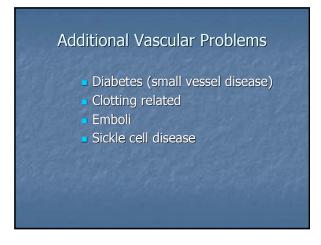




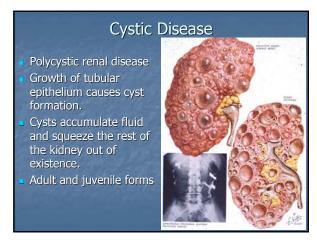


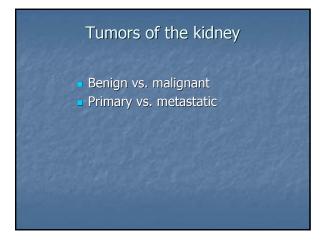


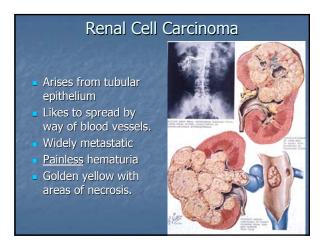


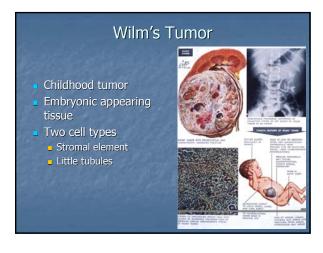




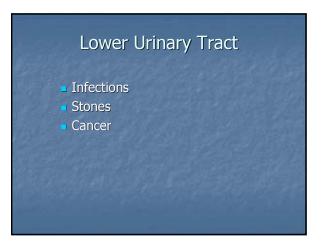












Bladder Infections Very common Host bugs E. coli Other gram negatives Urethral trauma Catheterization Paraplegics especially

