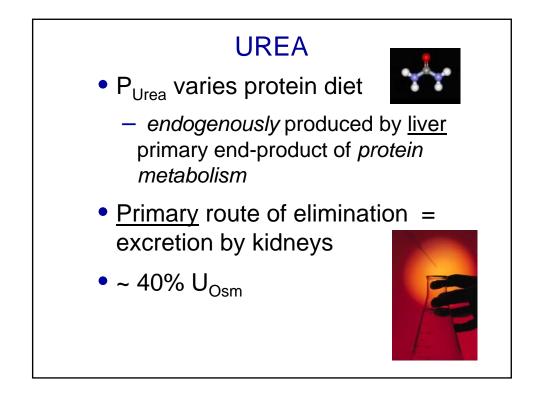
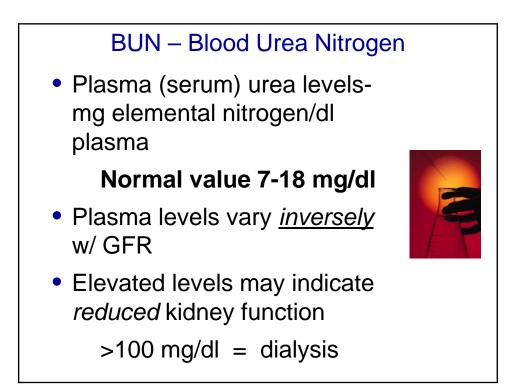
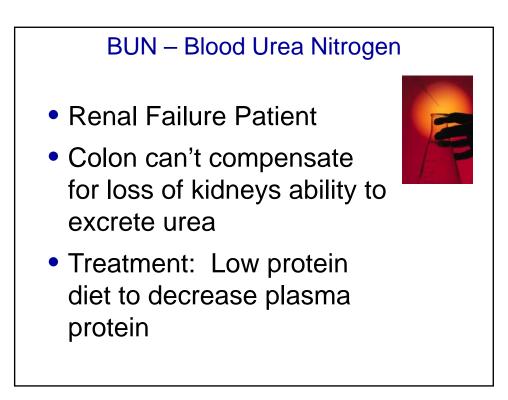


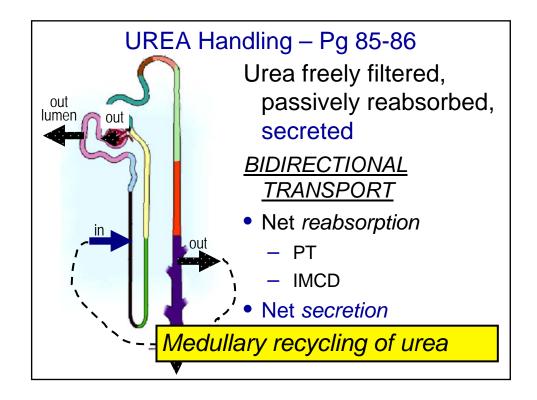
** Renal Failu	re Patient *	*
Patient Data	Δ Normal	F MIL
Plasma _{K+}	ſ	in the second
P _{Urea}	ſ	The
BP	ſ	
P _{PO4-}	ſ	
Hematocrit	⇒	
P _{HCO3} -	⇒	
P _{pH}	⇒	
P _{Ca2+}	⇒	

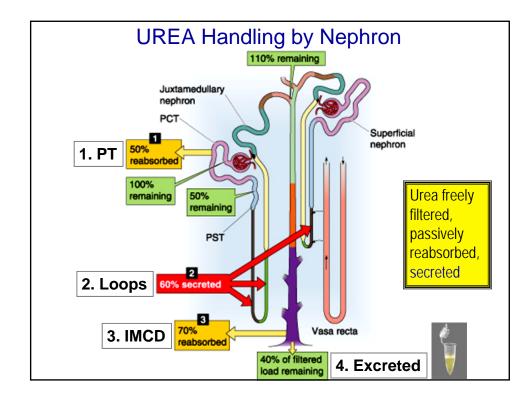
REVIEW - Filtration & Reabsorption				
	Amount FILTER/d	Amount EXCRETE/d	% REABSORB	
✓ Water (L)	180	1.8	99.0	
K+ (mEq)	720	100	86.1	
** Ca ²⁺ (mEq)	540	10	98.2	
HCO ₃ - (mEq)	4,320	2	99.9+	
✓ CI⁻ (mEq)	18,000	150	99.2	
✓ Na⁺ (mEq)	25,500	150	99.5	
** Glucose (mmol)	800	0	100	
** Urea (g)	56	28	50	

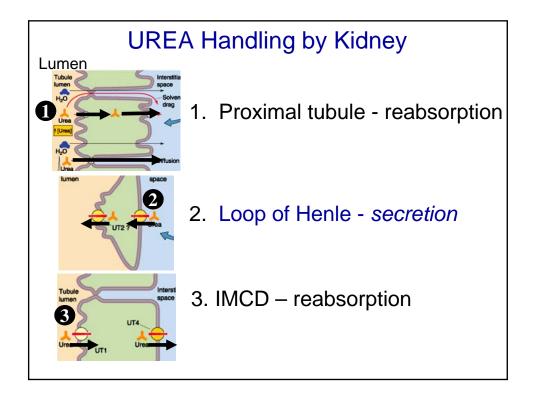


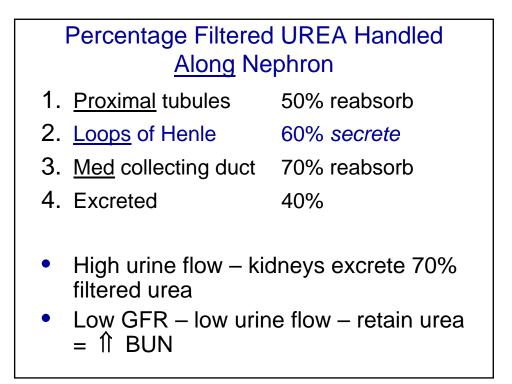


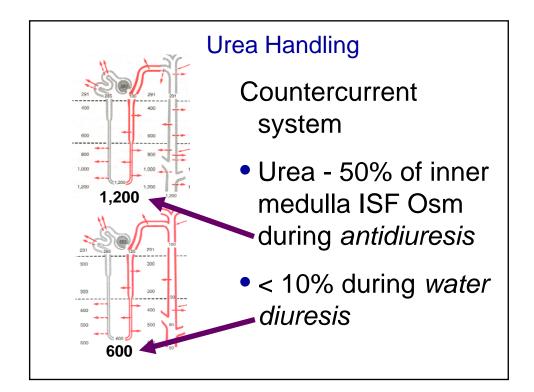


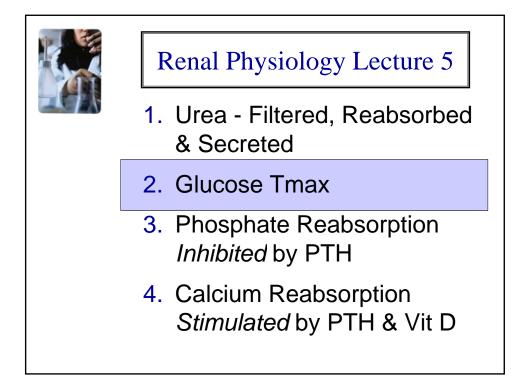


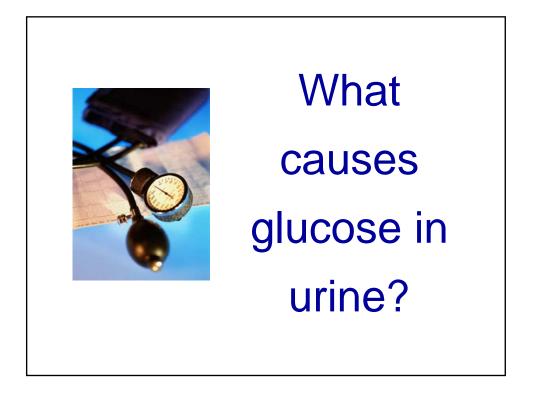


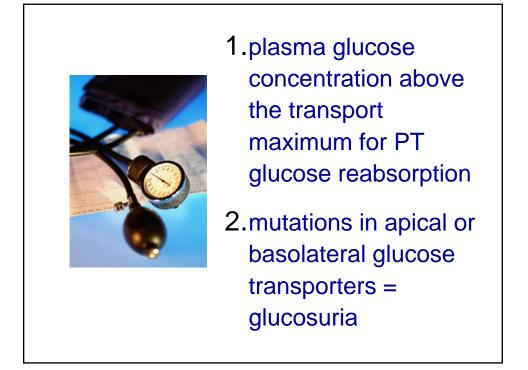


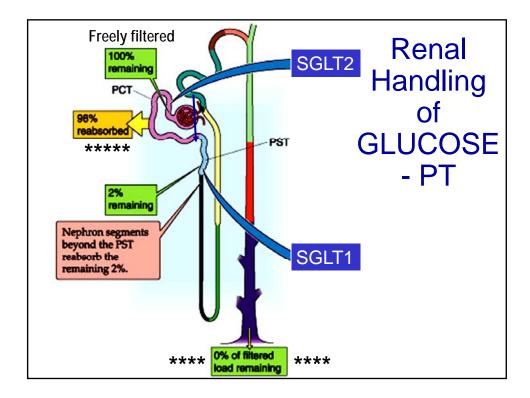


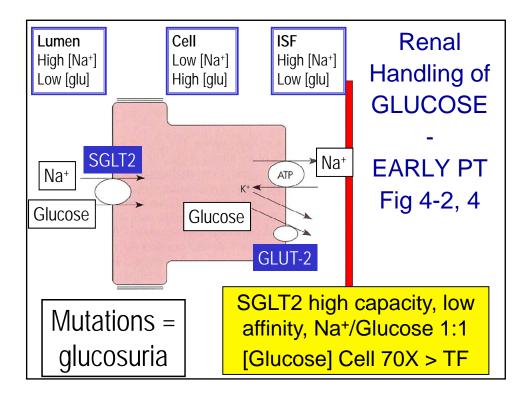


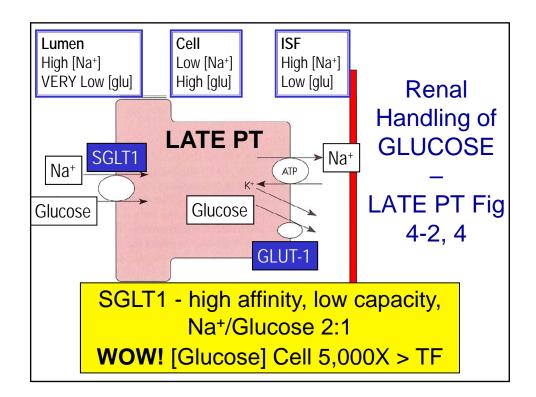


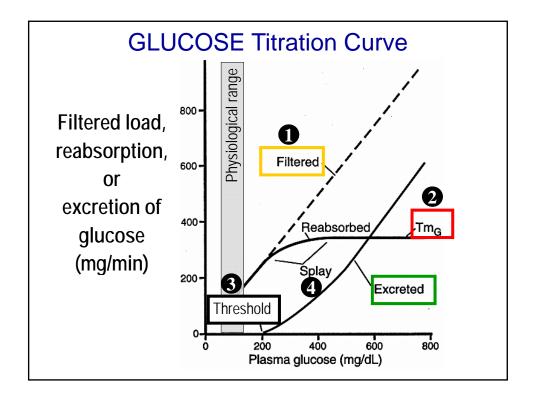


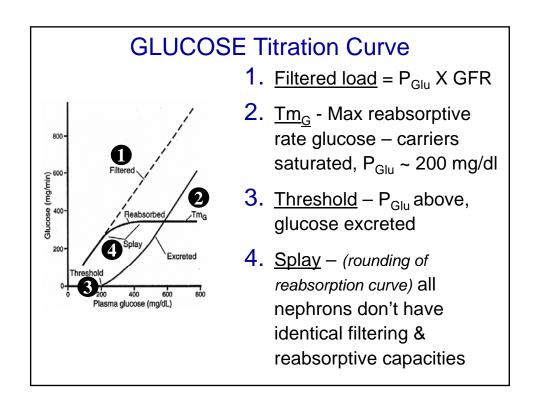


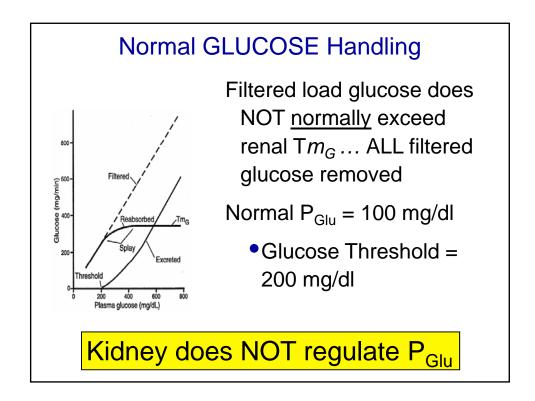


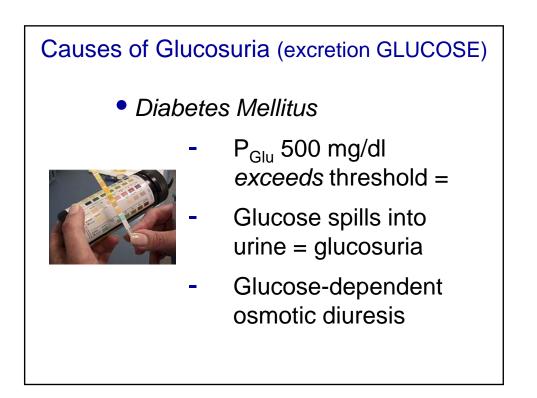


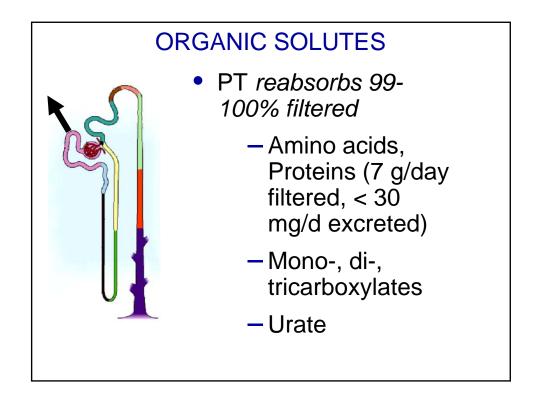


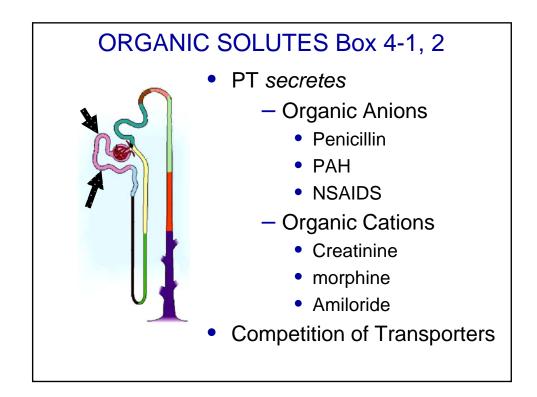


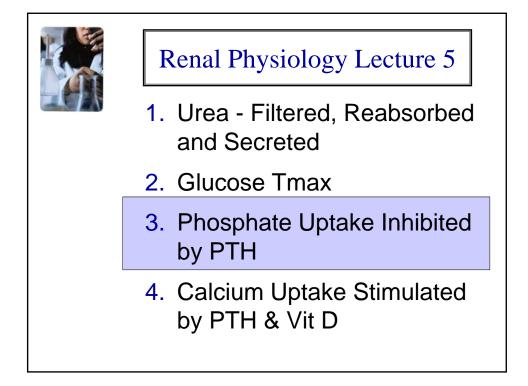


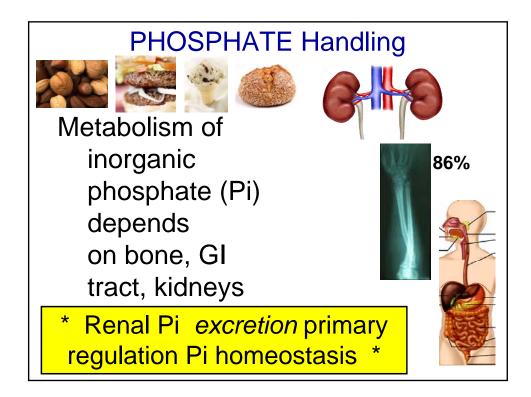


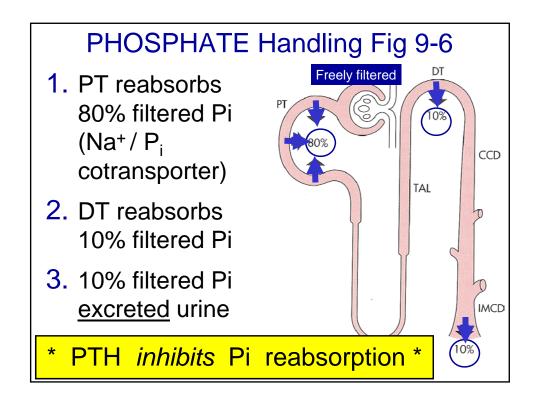












PHOSPHATE Handling

- High serum phosphate = high serum PTH
- 2. PTH inhibits phosphate reabsorption = increases renal phosphate excretion
- 3. Chronic renal failure CRF high serum phosphate
 - Treatment: give oral phosphate binders (reduce GI phosphate absorption), avoid high phosphate intake



