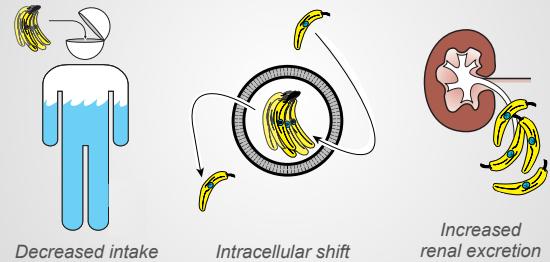




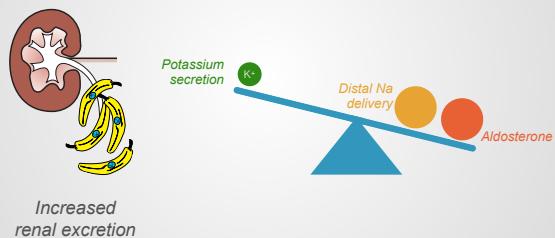
Hypokalemia

Unreabsorbable anions

Three processes of hypokalemia

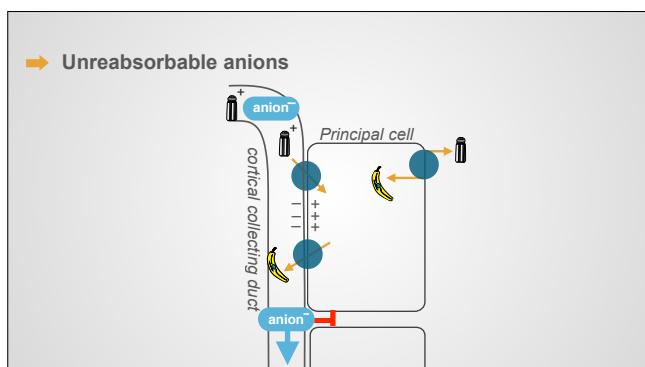
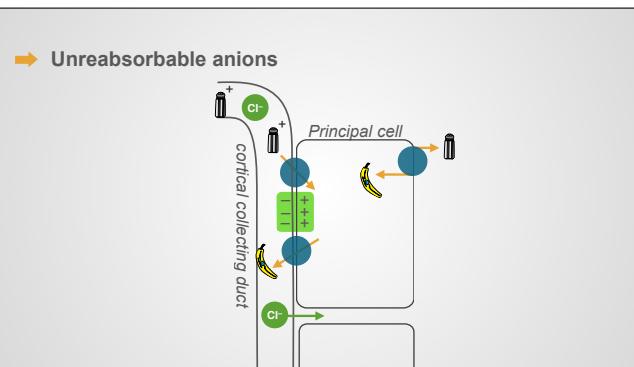


Increased renal excretion



Increased renal excretion

Secondary hyperaldosteronism	Diuretics Salt wasting nephropathies Vomiting
Primary hyperaldosteronism	Actual Apparent
► Unreabsorbable anions	Proximal RTA Drugs
Potassium wasting nephropathy	Polyuria Distal RTA Hypomagnesemia



- bicarbonate with vomiting
- bicarbonate with proximal RTA
- bicarbonate with medications
- bicarbonate with IVF



- Acetate in IVF and TPN
- Lactate in IVF and TPN



- Ticarcillin



→ Toluene (hippuric acid) glue sniffing



→ Phosphates



➡ unresorbable anions

