

# Potassium balance

**K<sup>+</sup> intake**  
**100 mEq/day**



Extracellular  
fluid K<sup>+</sup>

4.2 mEq/L  
x 14 L

**59 mEq**

Intracellular  
fluid K<sup>+</sup>

140 mEq/L  
x 28 L

**3920 mEq**

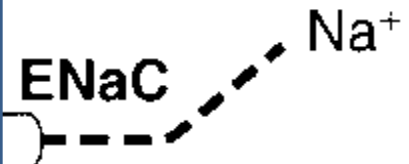
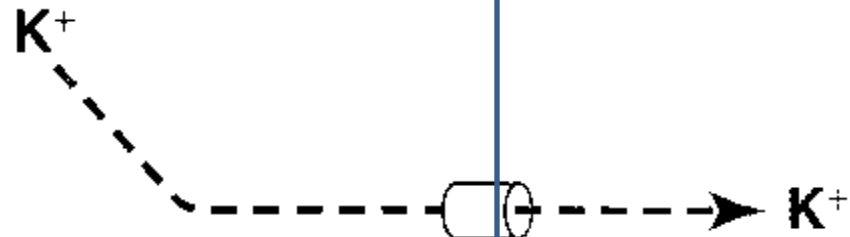
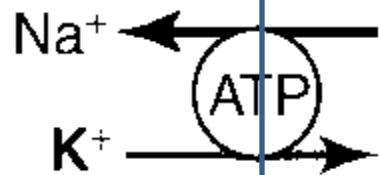
**K<sup>+</sup> output**  
Urine 92 mEq/day  
Feces 8 mEq/day  
100 mEq/day

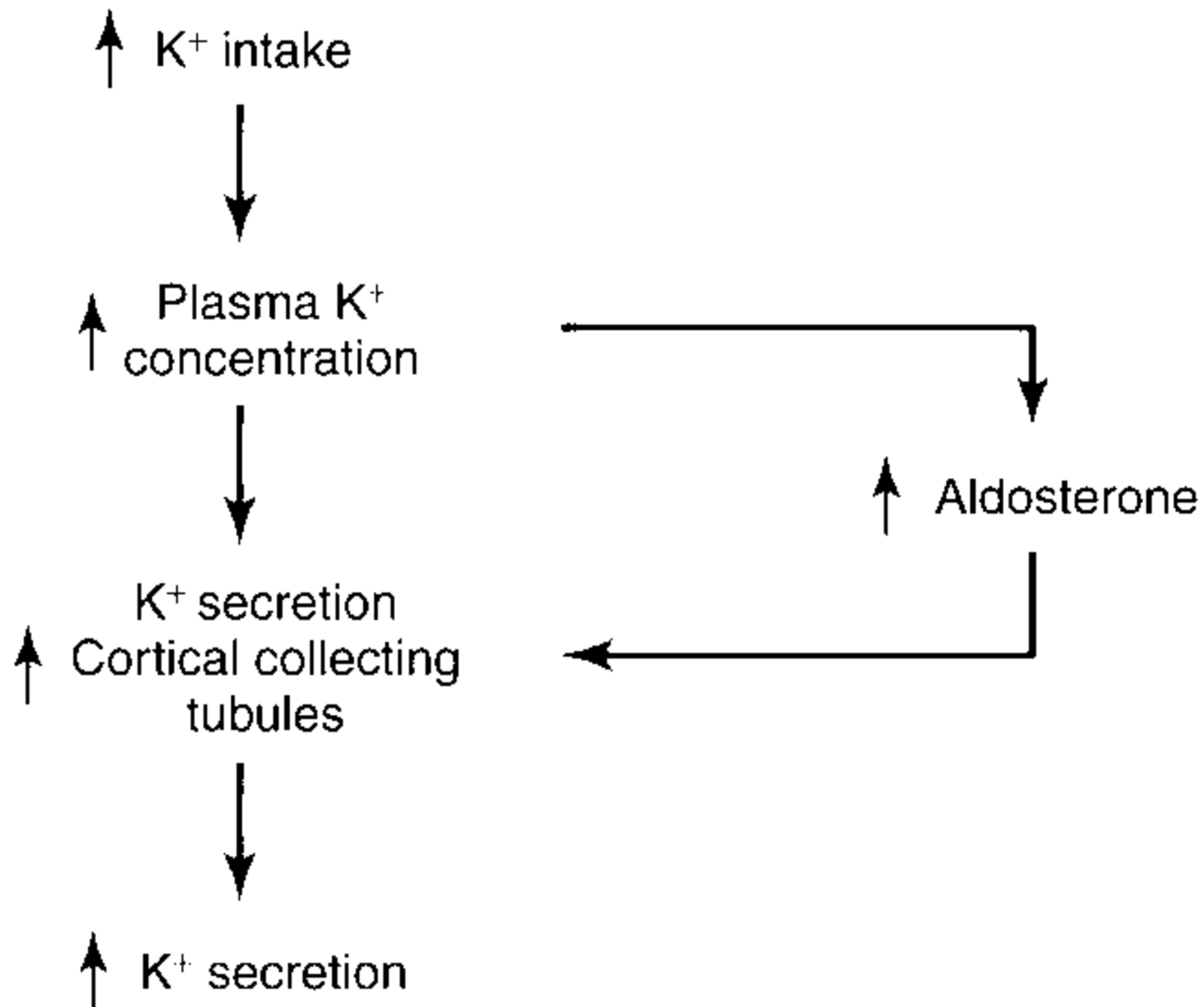


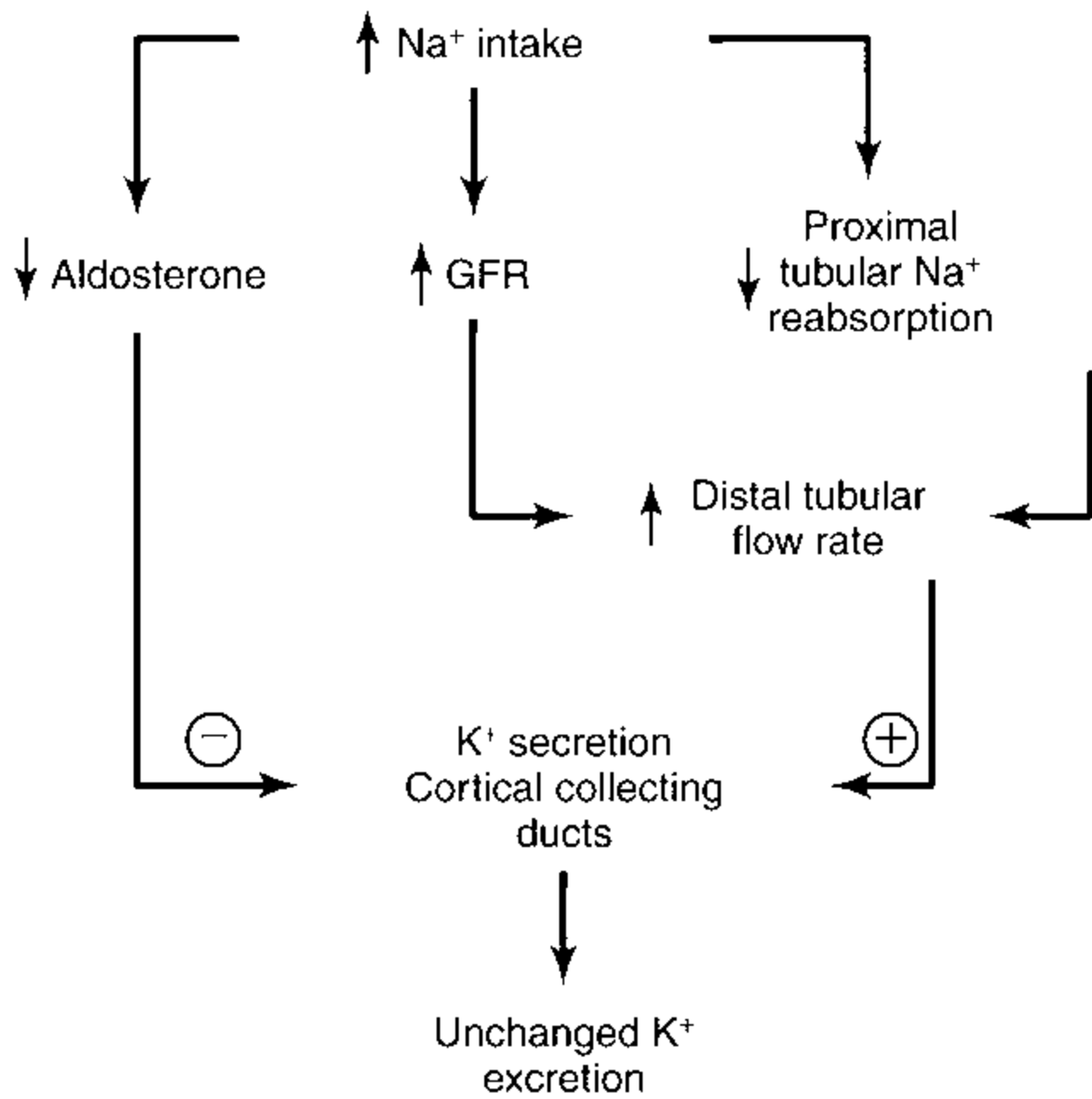
Renal  
interstitial  
fluid

Principal  
cells

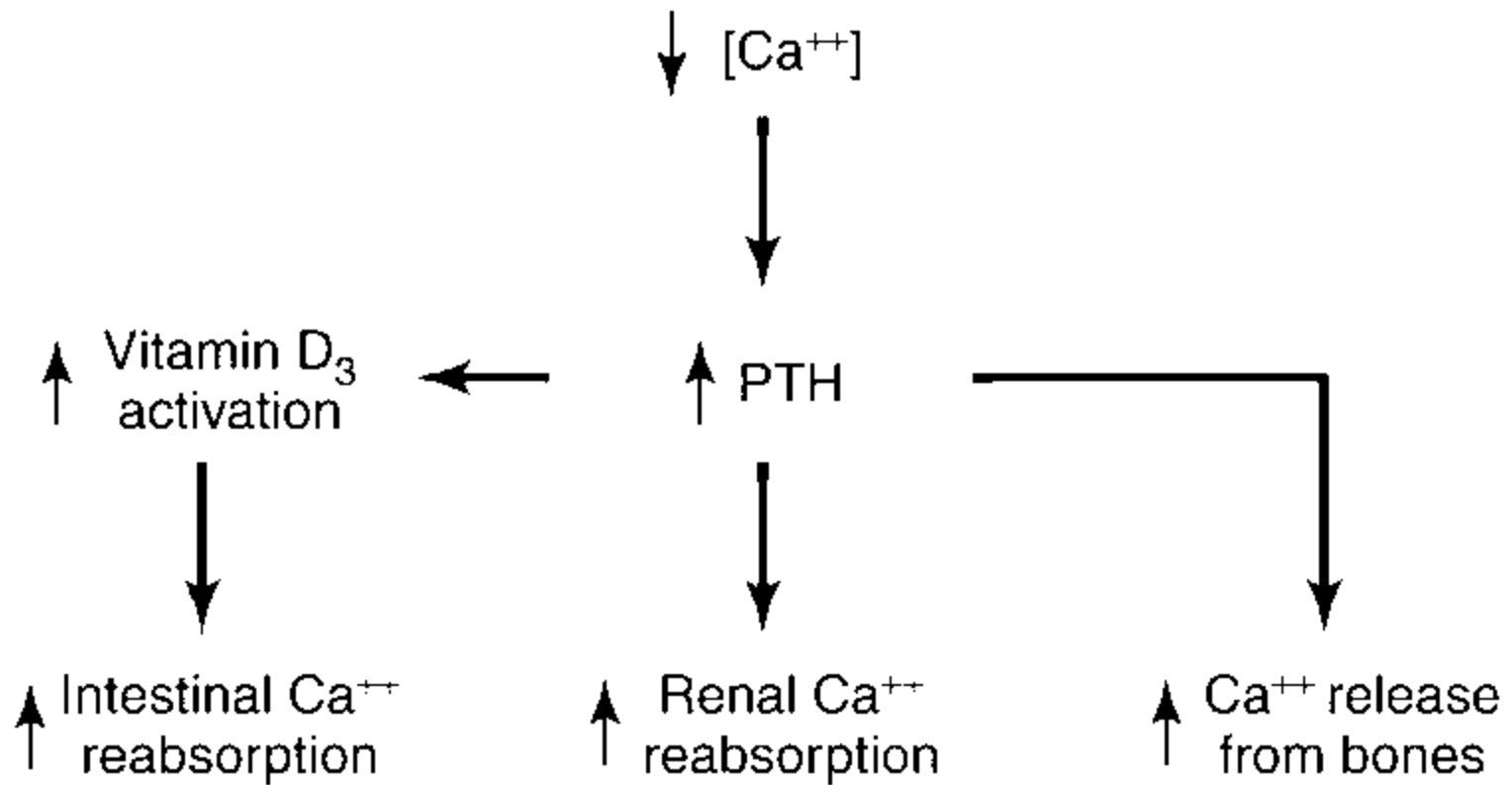
Tubular  
lumen







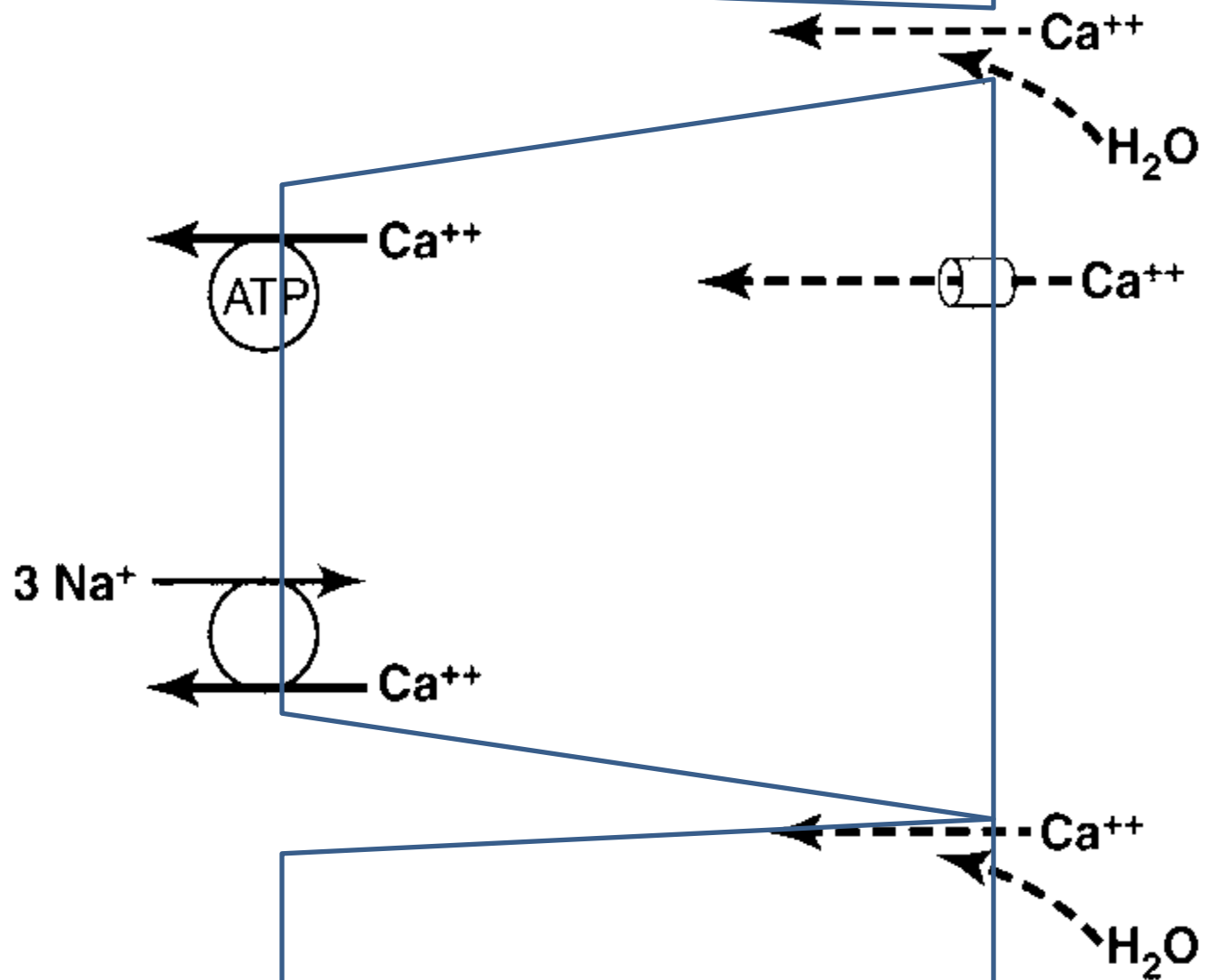
# Calcium Absorption



Renal  
interstitial  
fluid

Proximal tubular cells

Tubular  
lumen





# Micturition

