

KEY FACTS

- ★ Ultrafiltration: blood filtered at high pressure in glomerulus → small molecules enter Bowman's capsule
- ★ Selective reabsorption: ALL glucose + most water reabsorbed. Urea remains → urine.
- ★ ADH: dehydrated → pituitary releases ADH → more water reabsorbed → concentrated urine
- Dialysis: blood filtered across partially permeable membrane → removes urea

KEY TERMS

Ultrafiltration	High-pressure blood filtration in glomerulus
ADH	Antidiuretic hormone — increases kidney water reabsorption
Dialysis	Artificial kidney filtration

■ EXAM TIP: ADH = Anti-DIURETIC = LESS urine (more water reabsorbed). Dehydrated → more ADH → concentrated urine.