Nephron physiology

Proximal convoluted tubule

Distal convoluted tubule

Glomerulus

Bowman's capsule

Collecting duct

KEY
- Filtration
- Water reabsorption
- Solute reabsorption
- Secretion
- Variable rate

Loop of Henle

Urine storage and elimination

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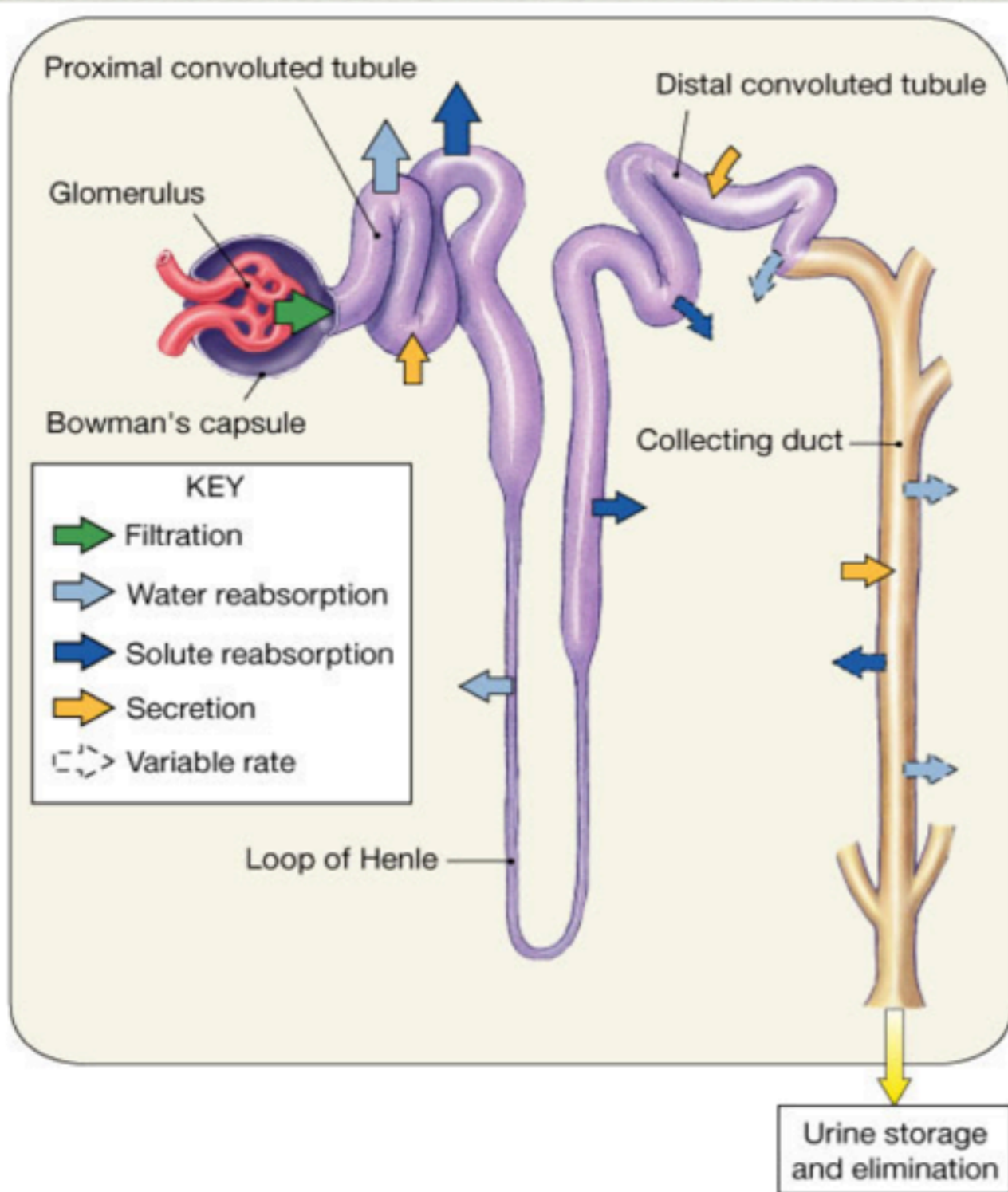
* **Main nephron functions:**

* **Renal corpuscle: Filtration** of plasma through filtration membrane

* **Renal tubule:** **Reabsorption*** from tubule in interstitium->blood **Secretion (excretion)*** from interstitium into the tubule

* **Final product: urine**

*of water and solutes