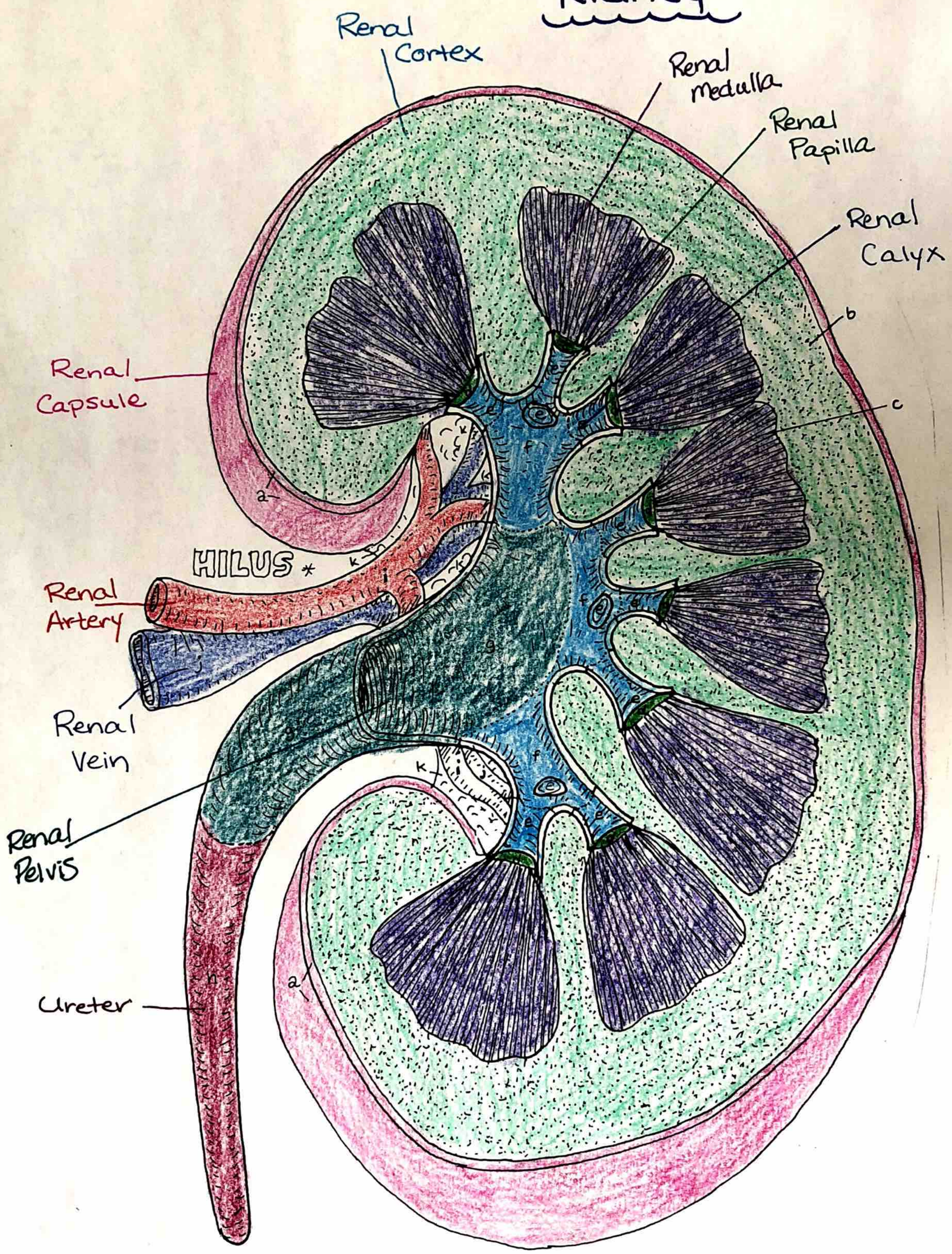


# Kidney



## The Kidney

Renal Capsule = thin membrane that covers the outer surface of the kidney

Renal Cortex = part of the nephrons are located here that filter blood and remove unwanted substances (sodium, chloride, potassium, calcium, proteins, glucose, hormones)

Renal medulla (Pyramids) = contains the part of nephrons that maintain the salt and water balance of our blood

Renal Papilla = collection ducts from the medulla for urine

Renal Calyx = chambers that urine pools into from the papilla

Renal Pelvis = funnels urine into the ureter

Ureter = duct urine travels in to the bladder

Renal Artery = supply the kidney with blood

Renal Vein = returns filtered blood to the body to be circulated