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Kidney

1) The outer covering of a …….. is called the renal capsule.

2) The outer region of a ……..is called the cortex.

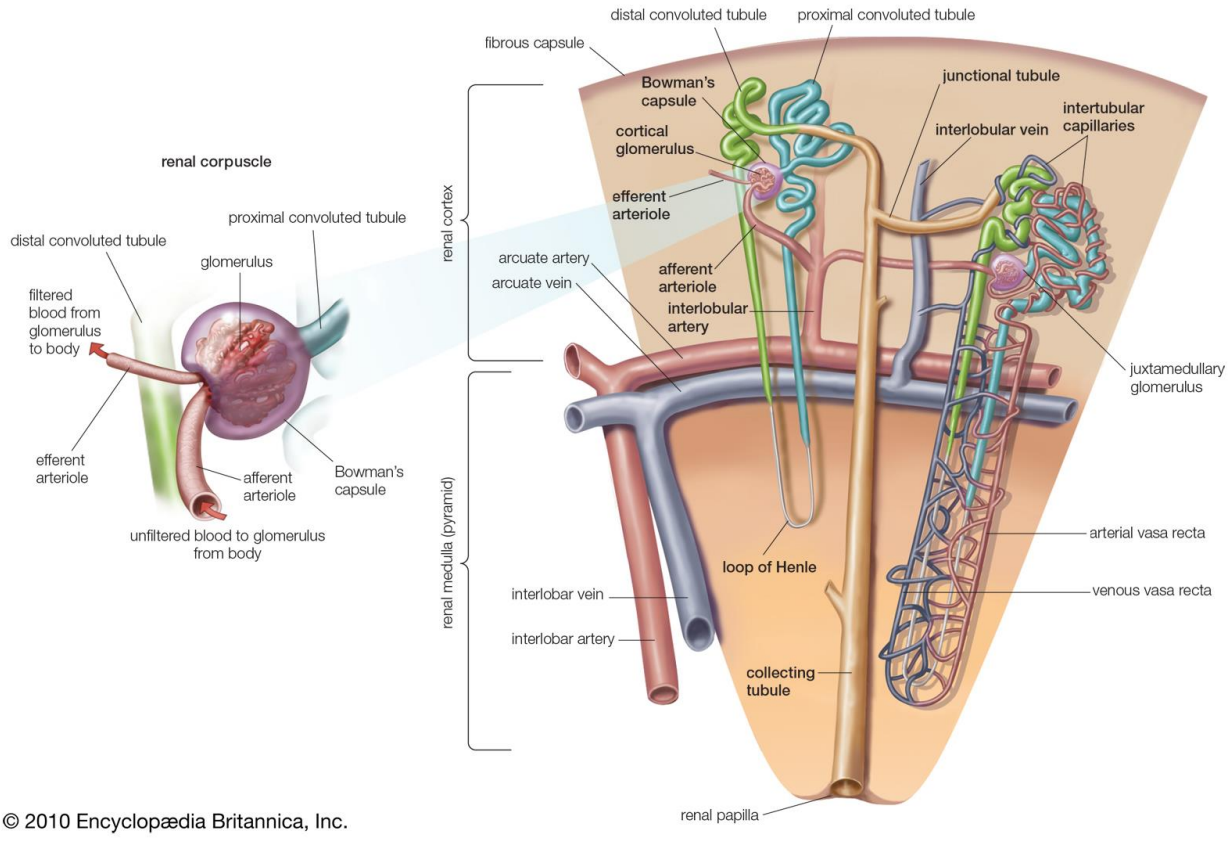
3) The inner to the cortex is the medulla.

4) There are pyramid shaped structures in the medulla.

5) These ……..shaped structures are called renal pyramids

6) The apex of the ……..pyramids are directed to renal pelvis.

7) Renal artery, renal vein and the ureter is found in the ……. pelvis.



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Composition of urine

Water .....

Urea .....

Salt .....

Uric acid and creatine .....

Renal failure

1) Weakening of ultra filtration neprones is called .....

2) Infections, heavy metals (Hg & As), CCl_4 and certain medicine may result .....

3) The signs of renal failure - oedema, high blood pressure due to accumulation of water & salt & decrease of pH value due to accumulation of urea and other excretory materials.

4) Swelling due to collection of fluid in different parts of the body is called oedema.

5) Filtering of blood using a machine is called dialysis.

6) After both kidneys fail, a kidney has to be transplanted.

Nephritis

1) Swelling of kidneys due to infection and toxins is called .....

2) ..... and uriniferous tubules get affected.

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3) Signs –

a) volume of urine output will be ……..

b) red blood cells passes with ……..

c) proteins passes with …….

Calculi in kidney and bladder

1) Crystallization of …….. oxalate in kidney and bladder is called calculi.

2) This condition is commonly called urinary …….

3) They can be removed by medicine or surgery or by …….. treatment (lithotripsy).

4) Reason

a) consumption of excess spinach, chocolate, milk.

b) postponing ……..

c) not drinking sufficient …….

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