*Syndrome of Inappropriate ADH

- Normally secretion of ADH depends upon plasma osmolality and blood volume.
- When this mechanism fails or ectopic source secrete ADH, SIADH results.

Causes:

Tumour :- CA lung. leukemia, lymphoma.
Drugs : Vasopressin, Chlorpropamide
Pulmonary : Pneumonia, Pleural effusion, TB.
Neurogenic : Meningitis, encephalitis.
Endocrine : Addisons disease.
AIDS and idiopathic.

Clinical features:

- The symptoms are vague and are likely missed.
- When the level of sodium falls (120-125 mmol/l) somnolence, anorexia, confusion & depression, due to the cerebral odema.
- When the level falls below 120mmol/L coma, convulsion and focal neurological defects seen.
- Severe ↓ 110 mmol/L is fatal.

Diagnosis:

- ↓ Serum Sodium level → Below 125 mmol/L
- ↑ Urine sodium level → Increased
- Plasma Osmolality less than 270 mOsm/kg.