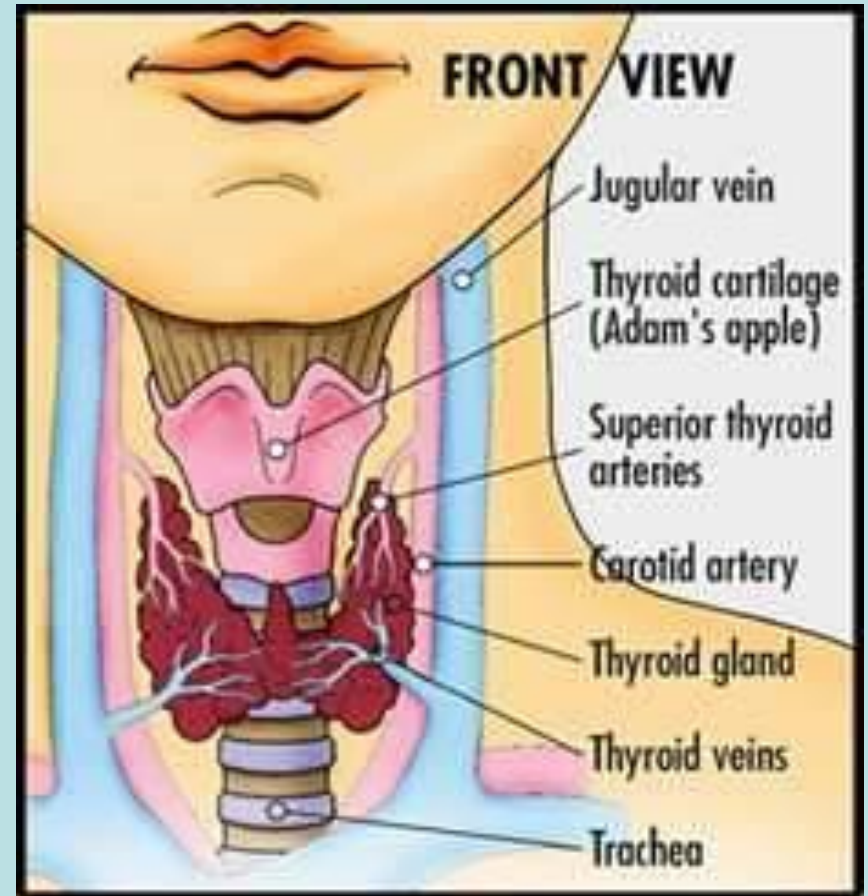
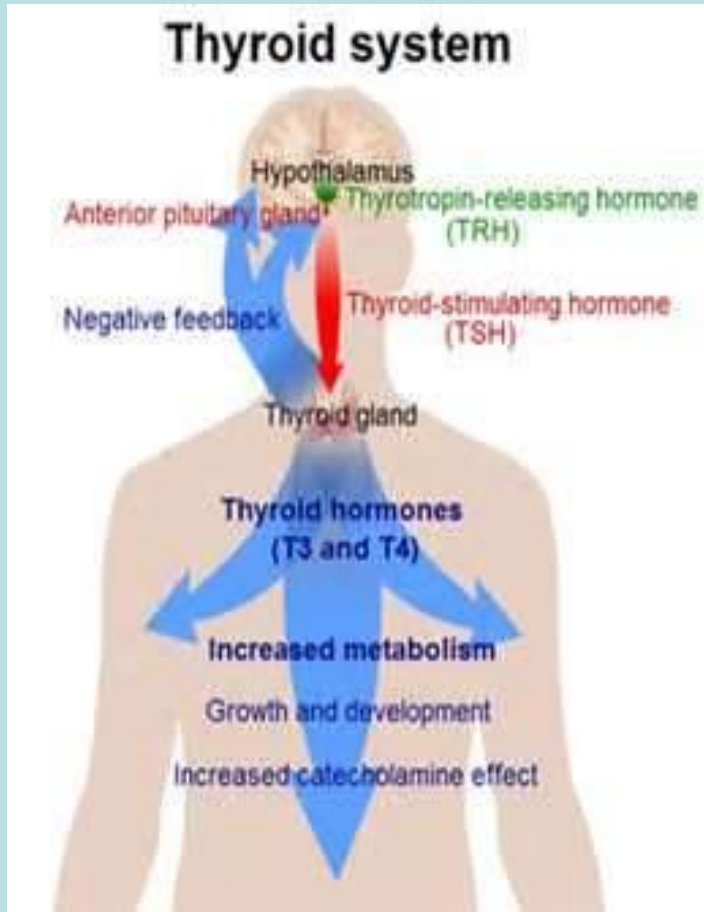




# Pediatric Hypothyroidism

Dr.  
Mahmood Dhahir Subhi

# Thyroid gland



# Acquired hypothyroidism

## Etiology:

1. **Dietary iodine deficiency**
2. **Autoimmune hypothyroidism  
(Hashimoto's thyroiditis)**
3. **Central hypothyroidism**
4. **Iatrogenic hypothyroidism**
5. **Thyroid hormones resistance (Rare)**

# Acquired hypothyroidism

- ▶ Dx:

  - Thyroid function tests

- ▶ Rx:

  - Levothyroxine for life

- ▶ Regular follow-up

# Congenital hypothyroidism



- **Incidence 1:  
4000 live births**
- **Usually  
dysgenetic  
thyroid gland**

# Congenital hypothyroidism



## Clinical presentation:

- Delayed passage of meconium
- Prolonged neonatal jaundice

# Congenital hypothyroidism



# Congenital hypothyroidism



## Diagnosis:

- Radiology  
(Epiphyseal dysgenesis ???)
- U/S of neck
- Hormonal assay



# Congenital hypothyroidism



## Treatment:

- Life long levothyroxin Rx
- Serial clinical and hormonal checking
- Early DX and RX
- Neonatal screening