




# General examination

# Consciousness level

- **Conscious**: normal, attentive; oriented to self, place, and mind
- **Confused**: impaired or slowed thinking; disoriented
- **Delirious**: disoriented, restless, clear deficit in attention; possible incidence of hallucinations and delusions
- **Somnolent**: excessive drowsiness; little response to external stimuli
- **Obtunded**: decreased alertness, slowed motor responses; sleepiness
- **Stuporous**: conscious but sleep-like state associated with little or no activity; only responsiveness is in reaction to pain
- **Comatose**: no response to stimuli, cannot be aroused; no gag reflex or pupil response to light



The patient is fully conscious, oriented to time, place and persons, cooperative with average mood and intelligence and intact memory



# Patient's look





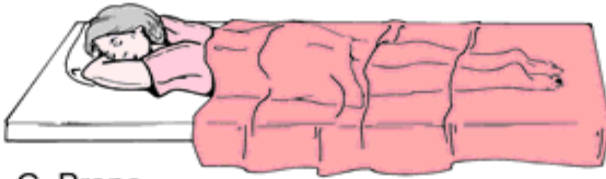
# Decubitus



A. Supine



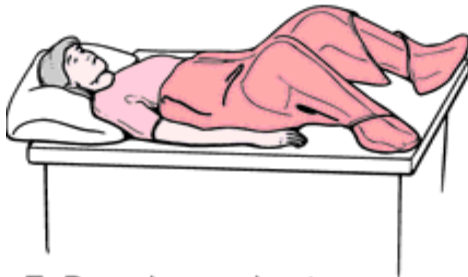
B. Sims' (posterior view)



C. Prone



D. Knee-chest



E. Dorsal recumbent



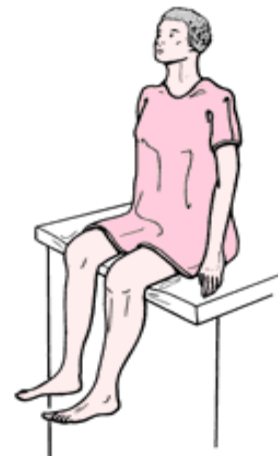
G. Standing



F. Lithotomy



H. Squatting



I. Sitting













**Build**







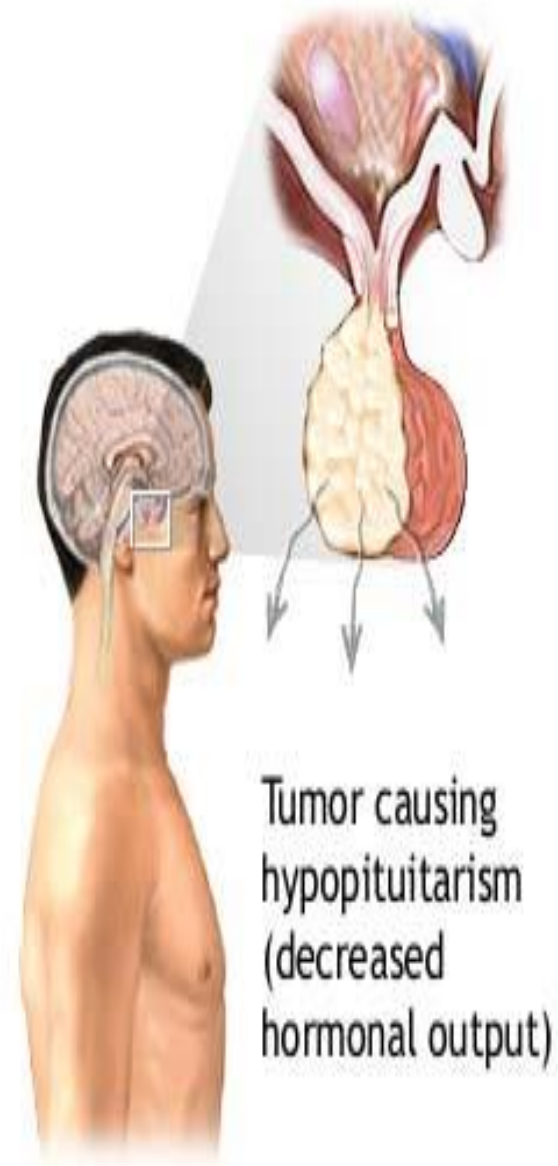
# Stature







Dwarfism



Tumor causing  
hypopituitarism  
(decreased  
hormonal output)



# Complexion





# Vital signs

Pulse •

Blood pressure •

Temperature •


Respiratory rate •

# Pulse

The radial pulse is felt on the wrist, just under the thumb







Rate is 80 bpm, regular, average volume,  
equal on both sides, no special  
normal blood vessel wall, characters,  
intact peripheral pulsations

Temporal artery

Facial artery

Common carotid artery

Brachial artery

Radial artery

Femoral artery

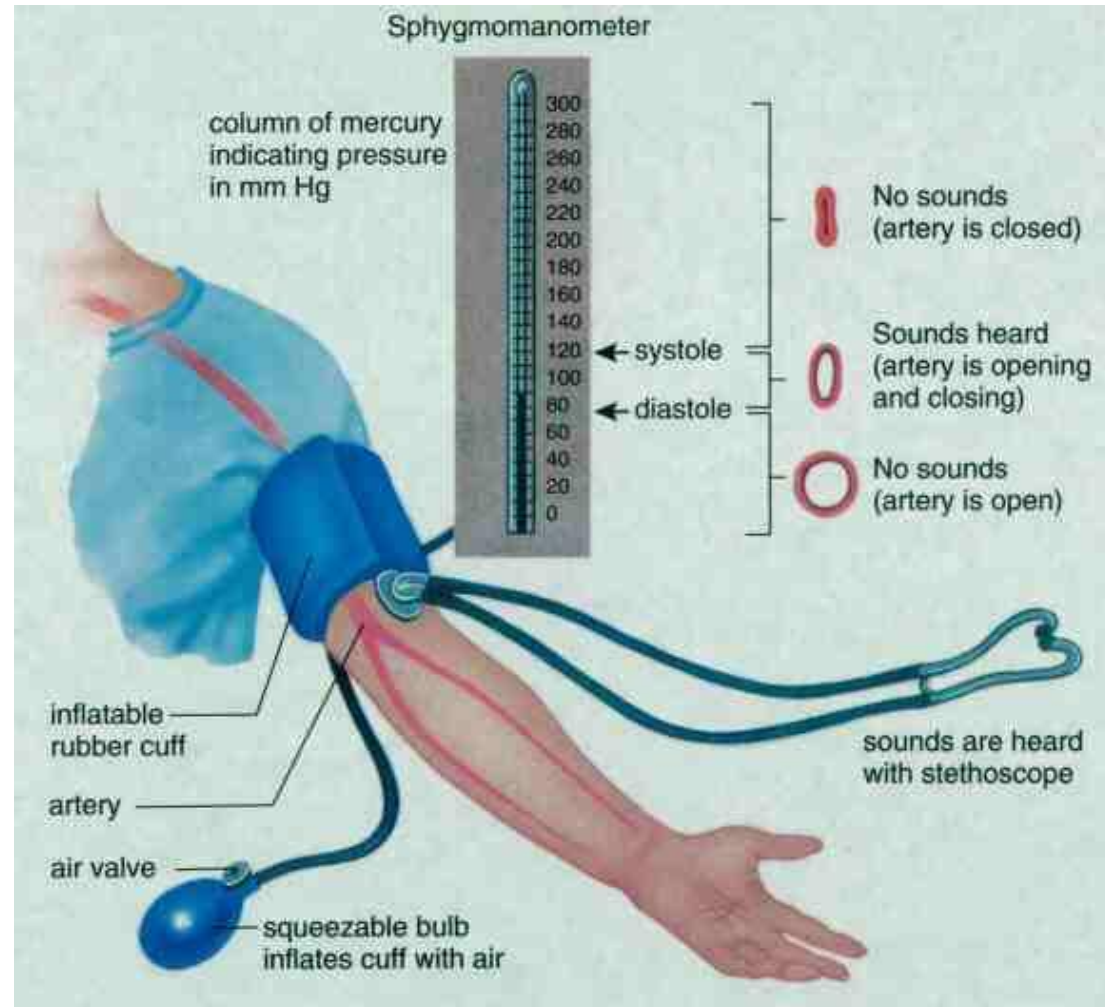
Popliteal artery

Posterior tibial artery

Dorsalis pedis artery



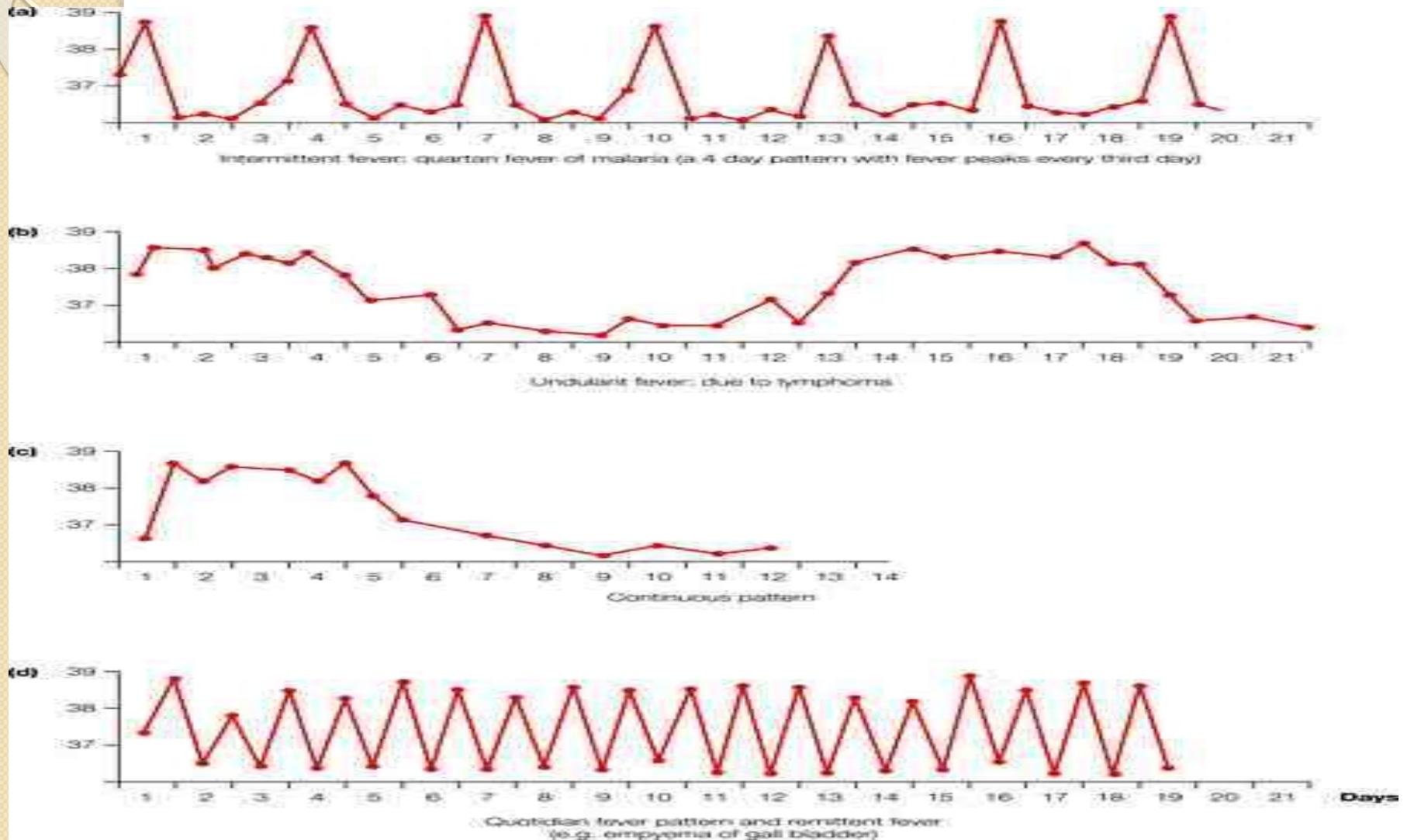
# Blood pressure



# Hypertension

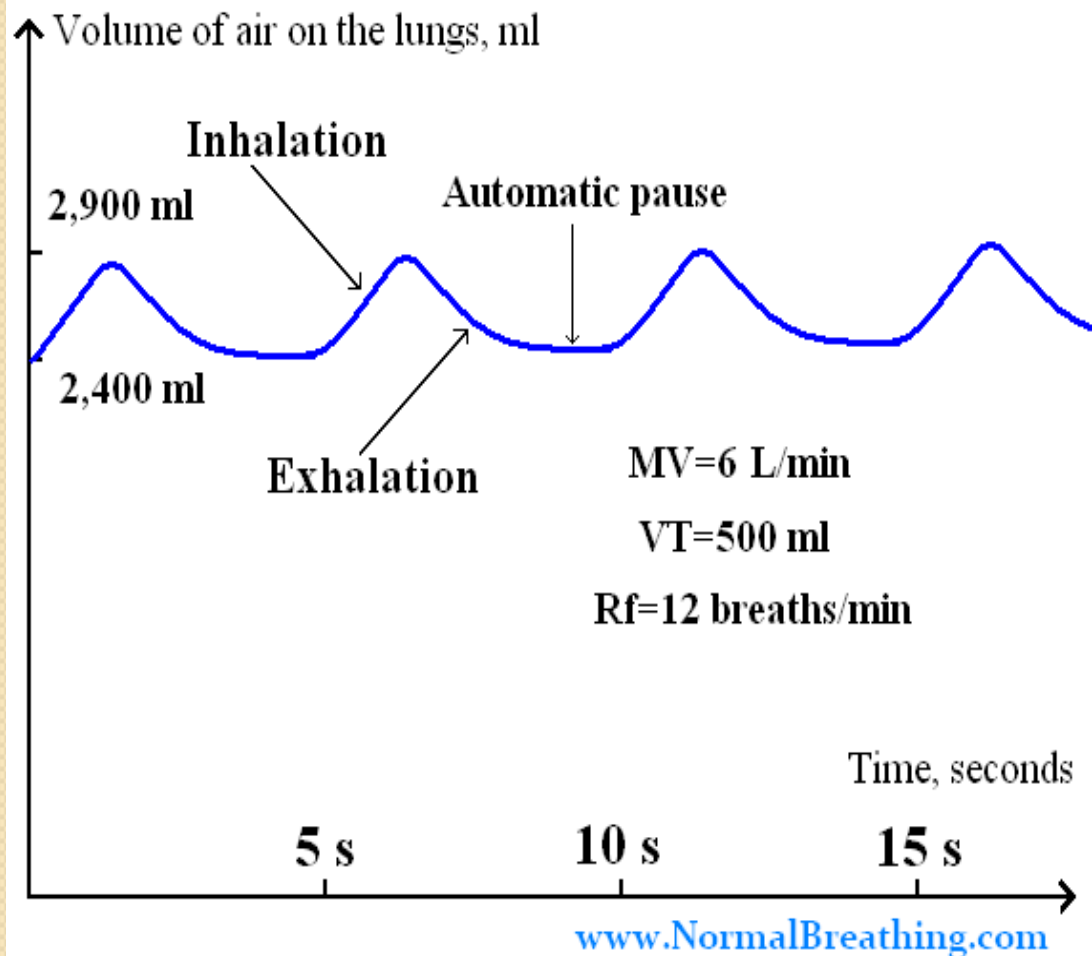
Blood Pressure Category	Systolic mm Hg (upper #)	Diastolic mm Hg (lower #)
Normal	less than 120	and less than 80
Prehypertension	120 – 139	or 80 – 89
High Blood Pressure (Hypertension) Stage 1	140 – 159	or 90 – 99
High Blood Pressure (Hypertension) Stage 2	160 or higher	or 100 or higher
<u>Hypertensive Crisis</u> (Emergency care needed)	Higher than 180	or Higher than 110

# Temperature



# Respiratory rate

## Normal Breathing Pattern in Time



## Respiratory rates @ rest.

<1 = 30-40

1-2 = 25-35

2-5 = 25-30

5-12 = 20-25

>12 = 15-20

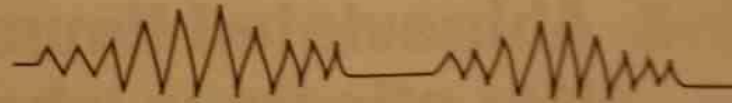


# Abnormal breathing patterns

**TABLE 20-7 Abnormal Respiratory Patterns**

**PATTERN**

Cheyne-Stokes respirations



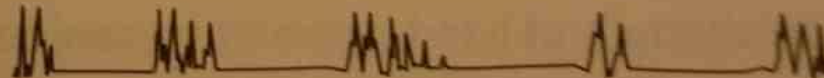
Central neurogenic hyperventilation



Apneustic breathing



Cluster breathing

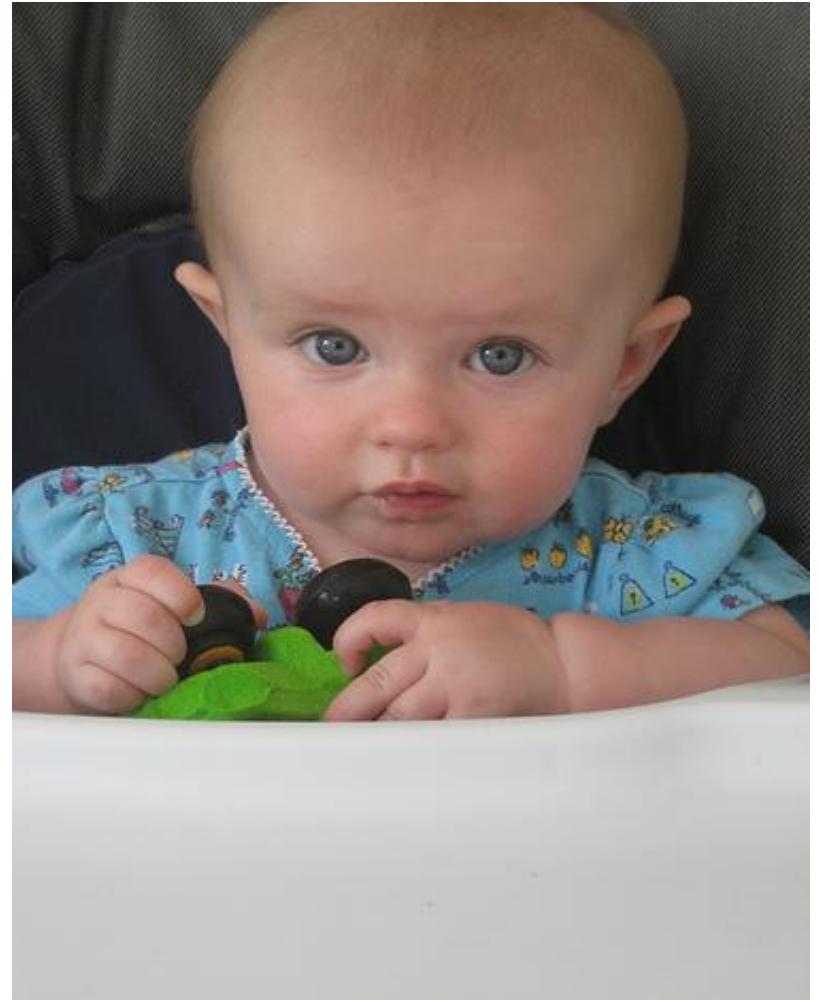


Ataxic respirations





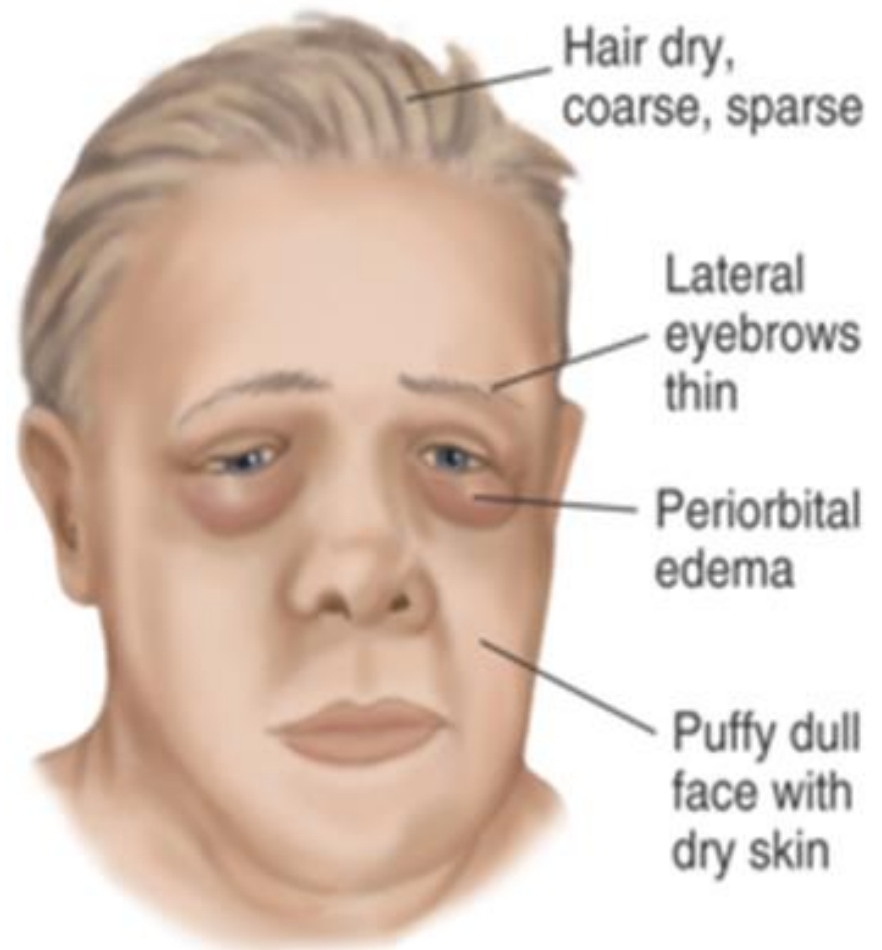
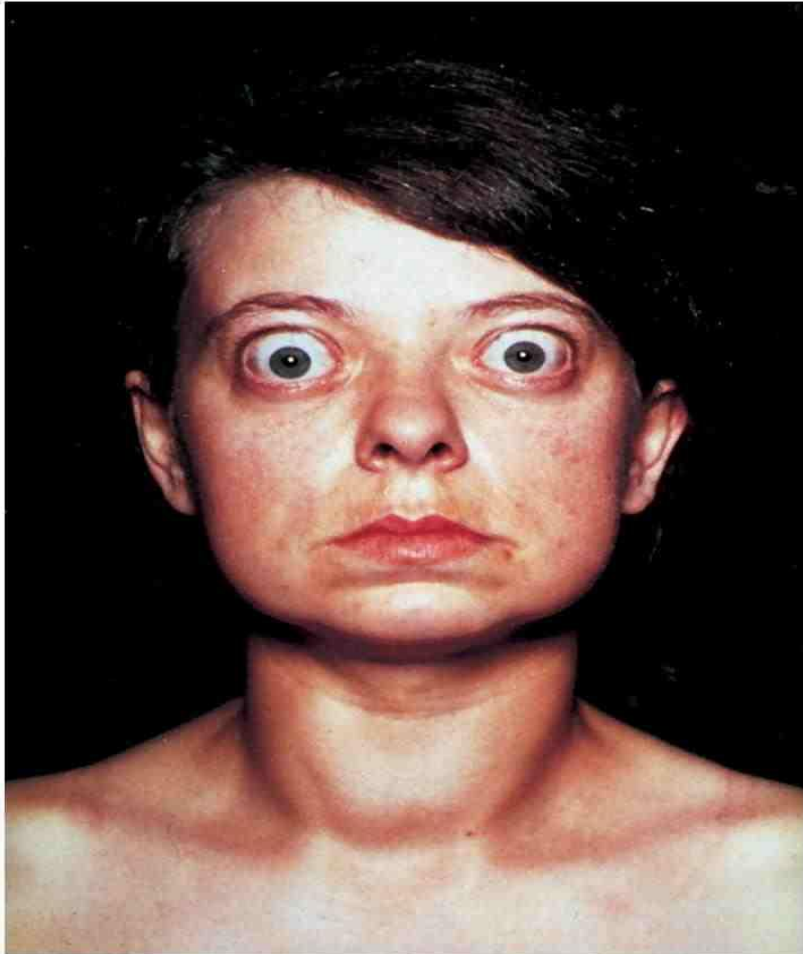
Head







# Face















Beta Thalassemia Major – bone changes









Abbildung 6: "Hypertonie mit ischämischer Kardiomyopathie"

# Eye brow



# Eye lid



# Eye

- Eye ball
- Conjunctiva
- Cornea
- Sclera
- Pupil
- Fundus



# Nose

- Working ala nasi
- Saddle nose
- Big nose
- Red nose





# The mouth

- Lips
- The tongue
- Teeth
- Gums
- Odor of the mouth

# Lips



Cold Sore



Angular Cheilitis



# Tongue







© 1997 Mayo Foundation for Medical Education and Research. All rights reserved.



Glossitis

# Mouth ulceration





# Gums





# Teeth



# Ears

- Discharge
- Shape
- Tophi
- Color

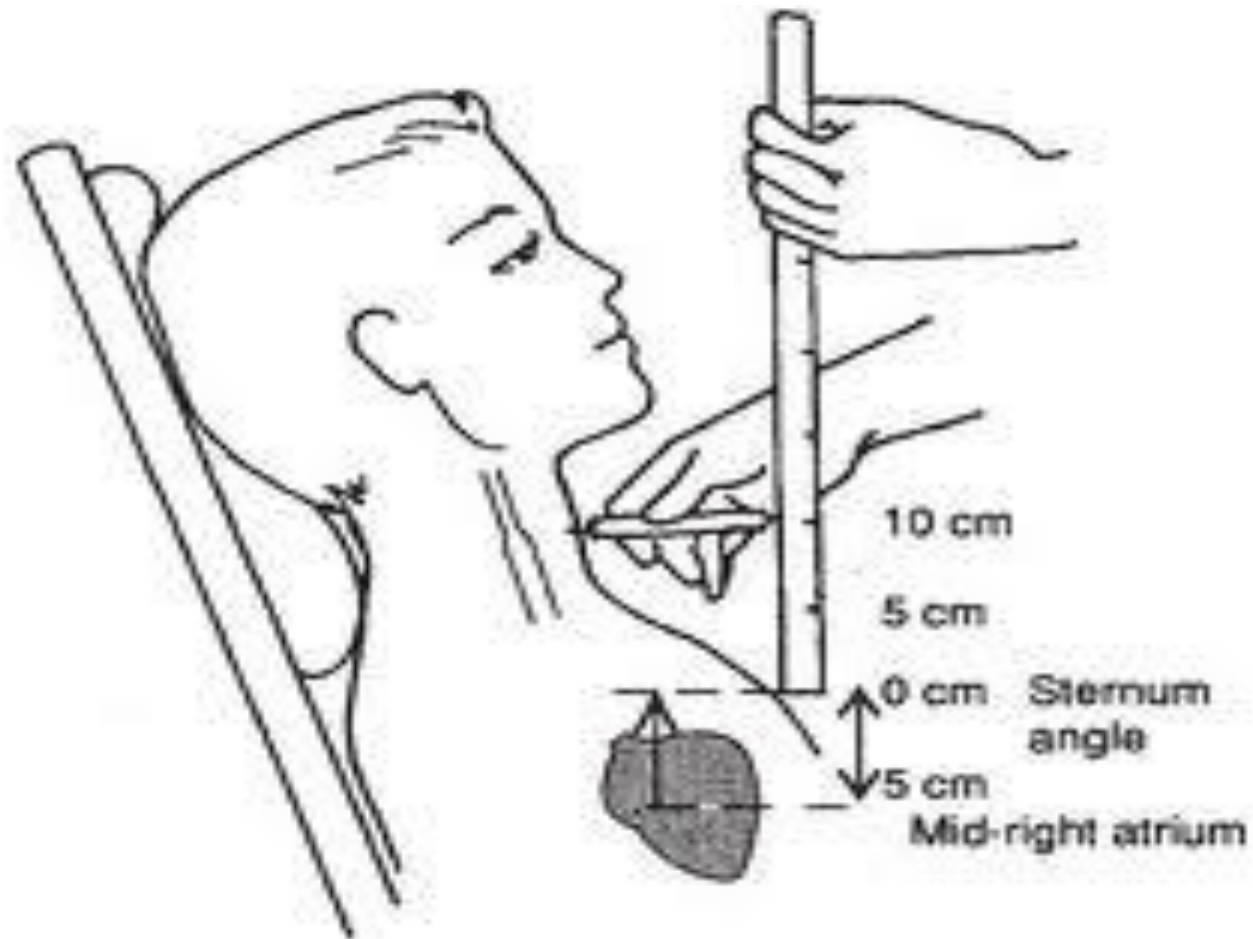
# Parotid gland

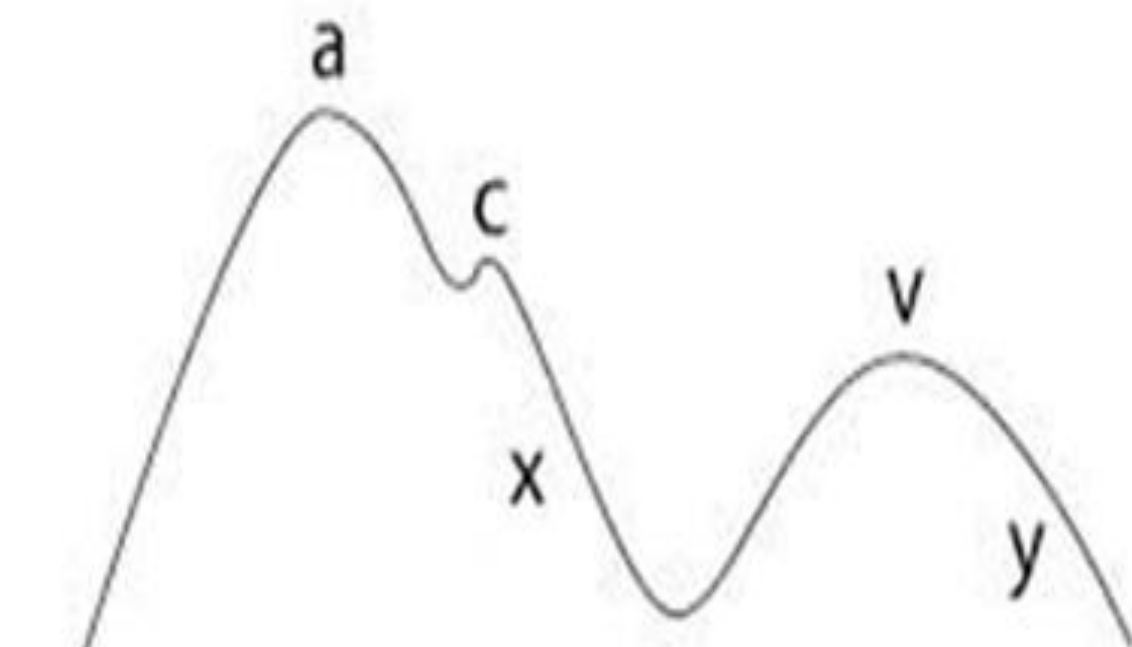
- Swelling
- Pain

# Neck examination

- Thyroid
- Lymph nodes
- Neck veins
- Arterial pulsations and murmurs
- trachea

# Neck viens







# Upper limb

- Lymph nodes
- Pulse and blood pressure
- Nails and clubbing
- Skin
- Muscle wasting
- Palmer erythema
- Artheritis
- Tremors















# Lower limb

- Lymph node
- Peripheral pulsations
- Nail
- LL edema
- Skin
- Muscle power





**THANK YOU**