



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

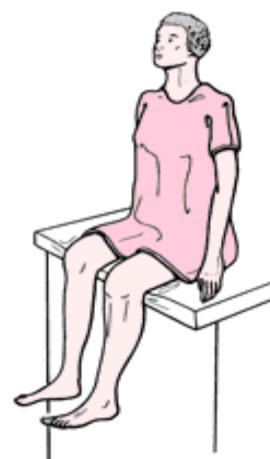
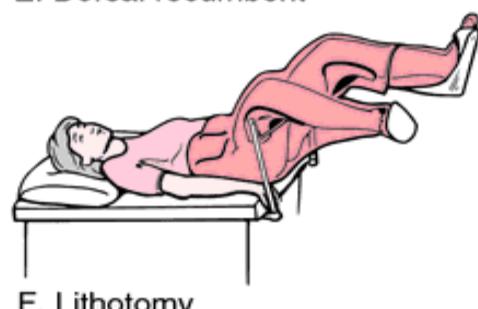
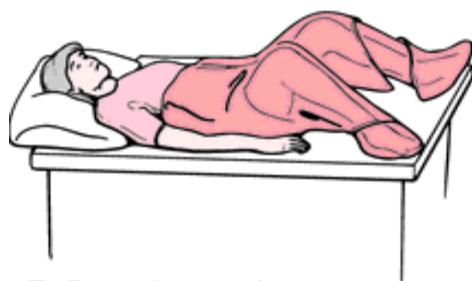
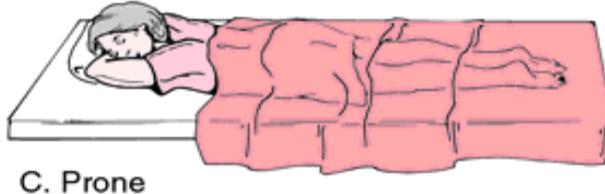
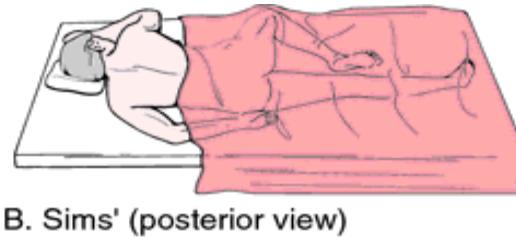


Patient's look





Decubitus











Build





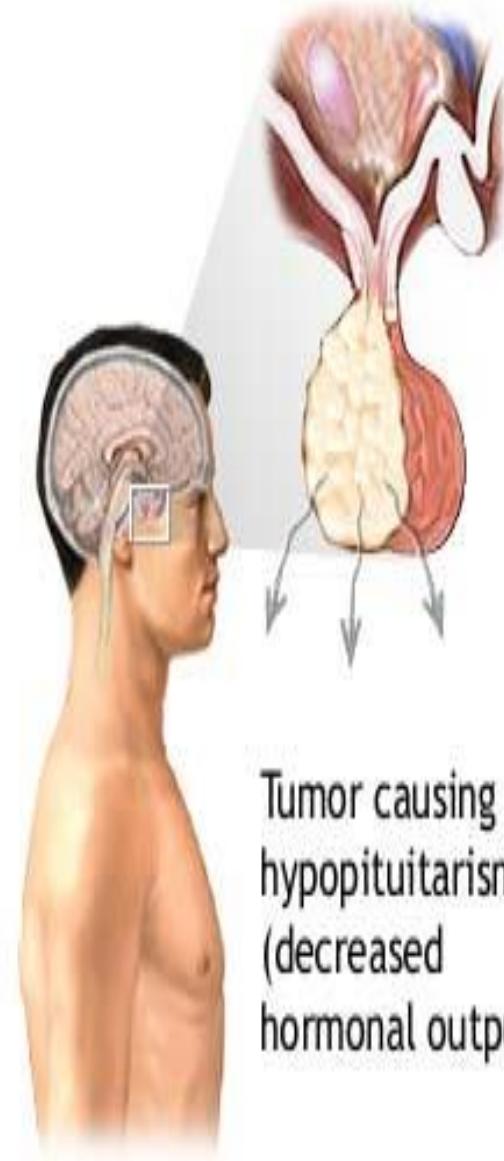


Stature





Dwarfism



Tumor causing
hypopituitarism
(decreased
hormonal output)



Complexion



Vital signs

- Pulse •
- Blood pressure •
- Temperature •
- Respiratory rate •

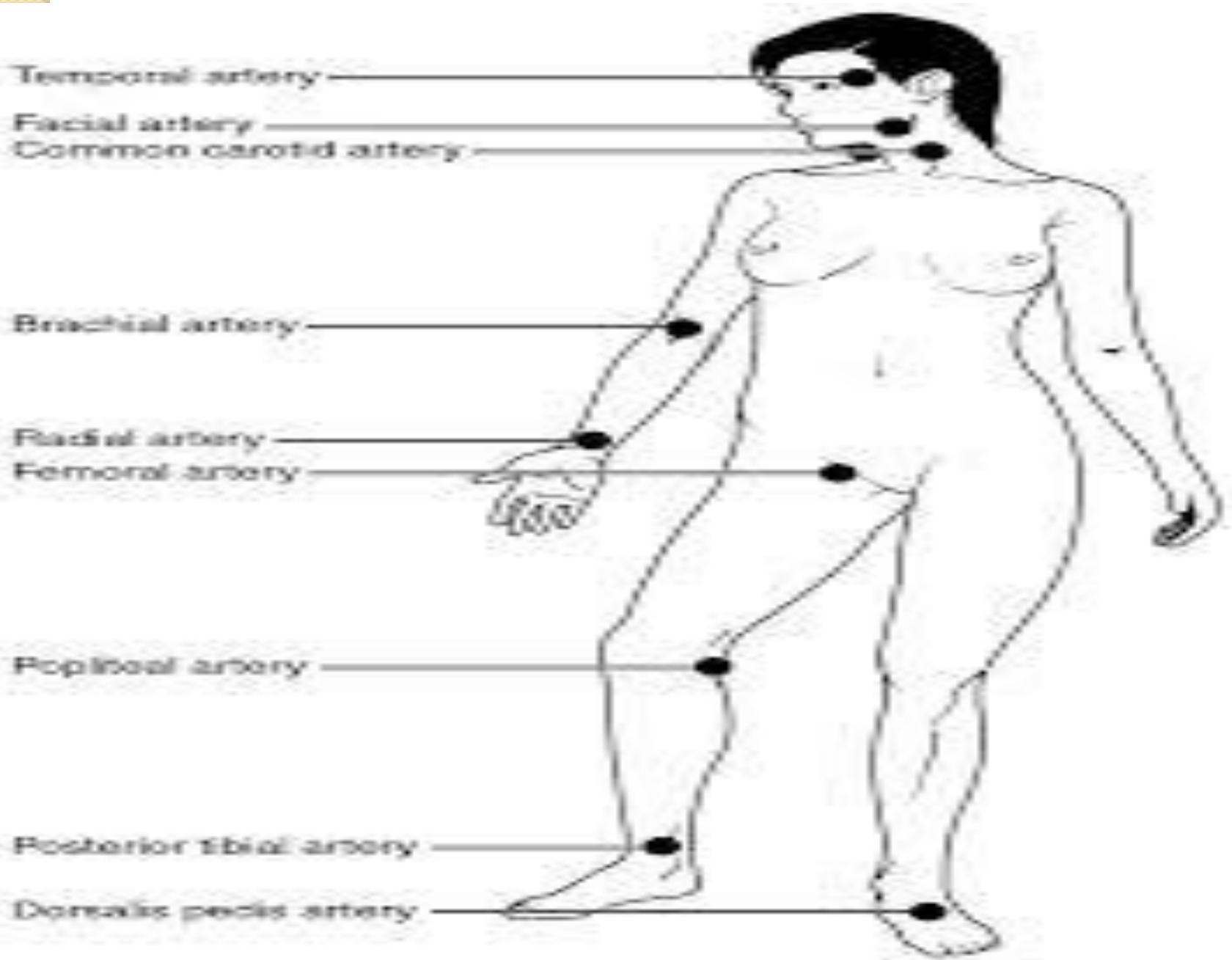
Pulse

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

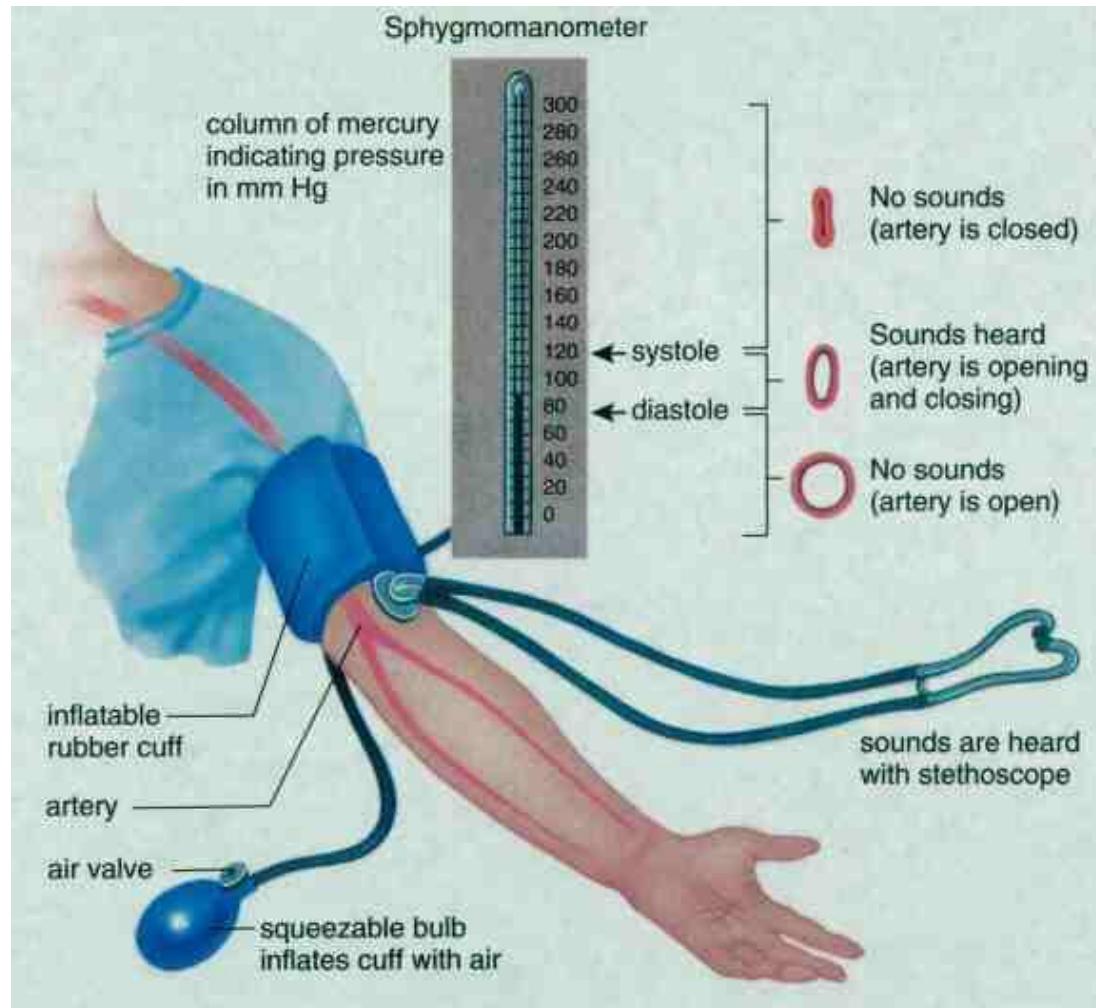




Rate is 80 bpm, regular, average volume,
equal on both sides, no special
normal blood vessel wall, characters,
intact peripheral pulsations



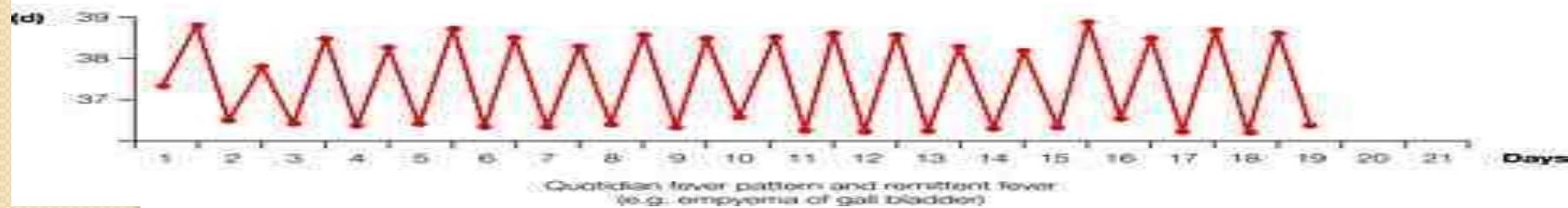
Blood pressure



Hypertension

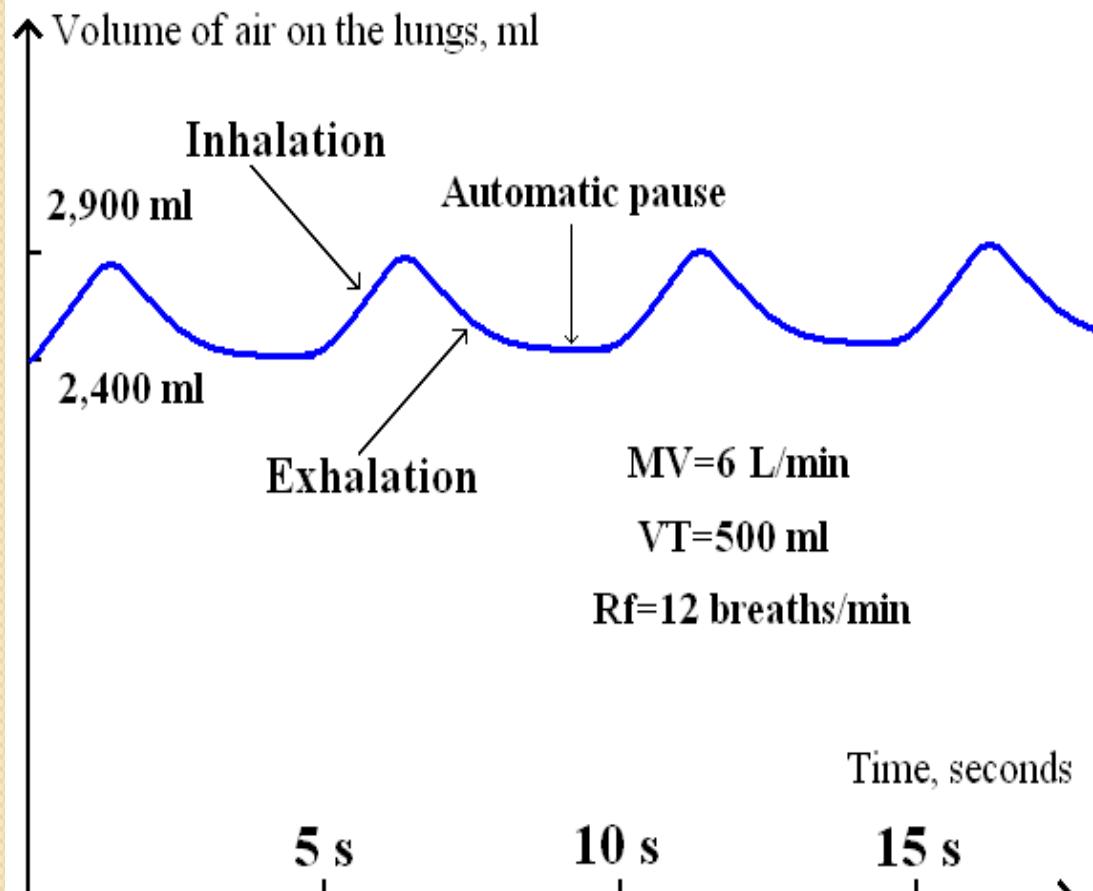
Blood Pressure Category	Systolic mm Hg (upper #)	Diastolic mm Hg (lower #)
Normal	less than 120	and less than 80
Prehypertension	120 – 139	or 80 – 89
High Blood Pressure (Hypertension) Stage 1	140 – 159	or 90 – 99
High Blood Pressure (Hypertension) Stage 2	160 or higher	or 100 or higher
Emergency Crisis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

Temperature



Respiratory rate

Normal Breathing Pattern in Time



Respiratory rates
@ rest.

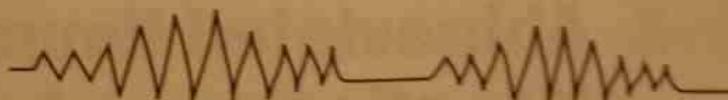
<1	= 30-40
1-2	= 25-35
2-5	= 25-30
5-12	= 20-25
>12	= 15-20

Abnormal breathing patterns

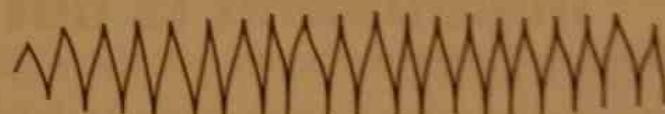
TABLE 20–7 Abnormal Respiratory Patterns

PATTERN

Cheyne-Stokes respiration



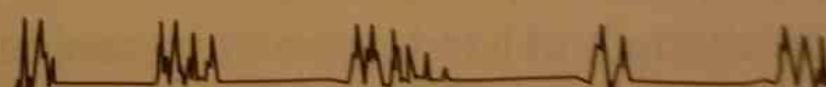
Central neurogenic hyperventilation



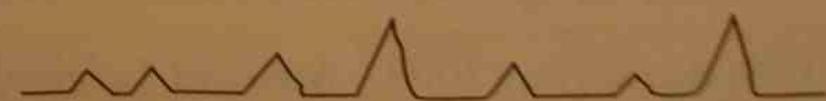
Apneustic breathing



Cluster breathing



Ataxic respirations





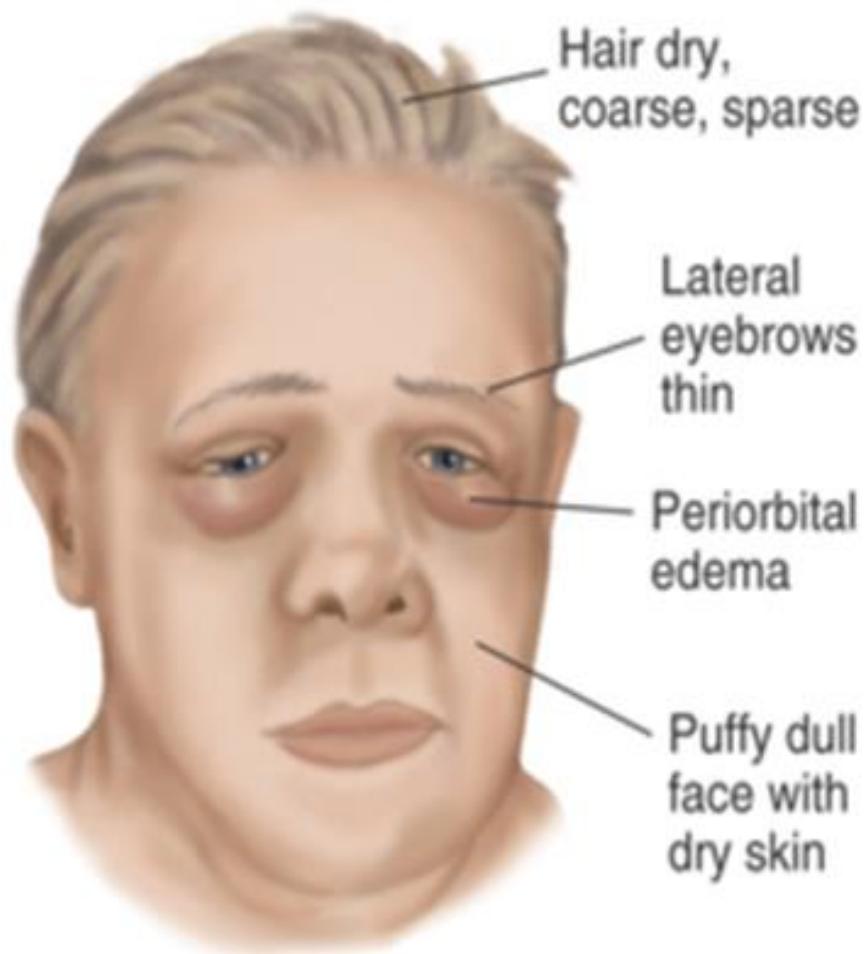
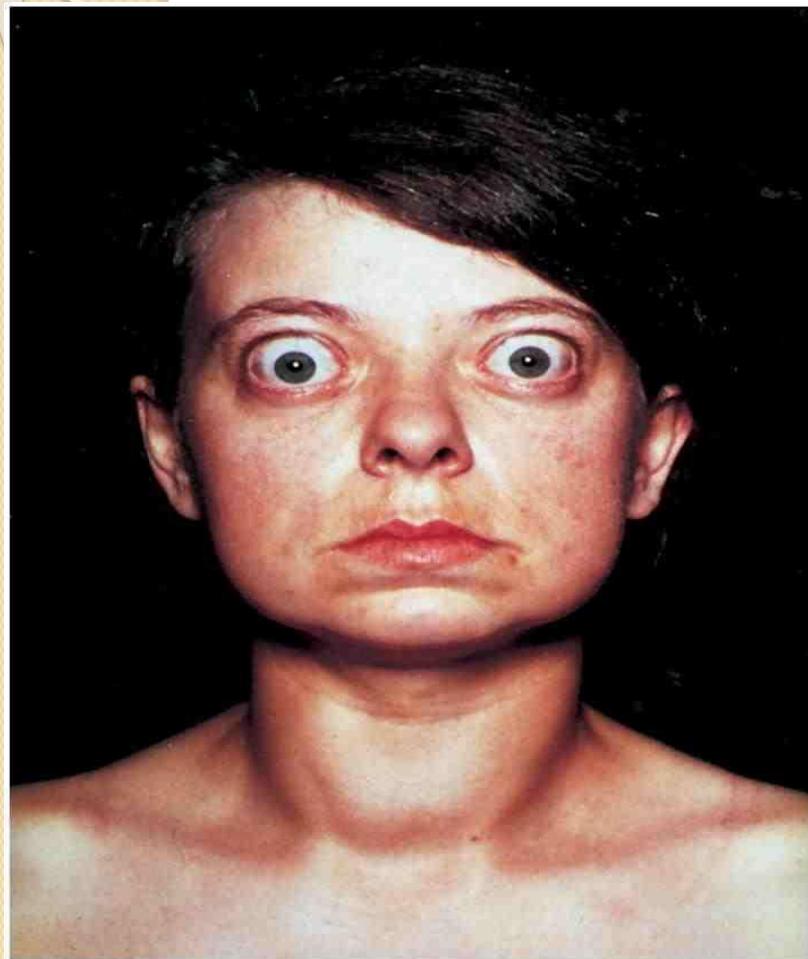
Head



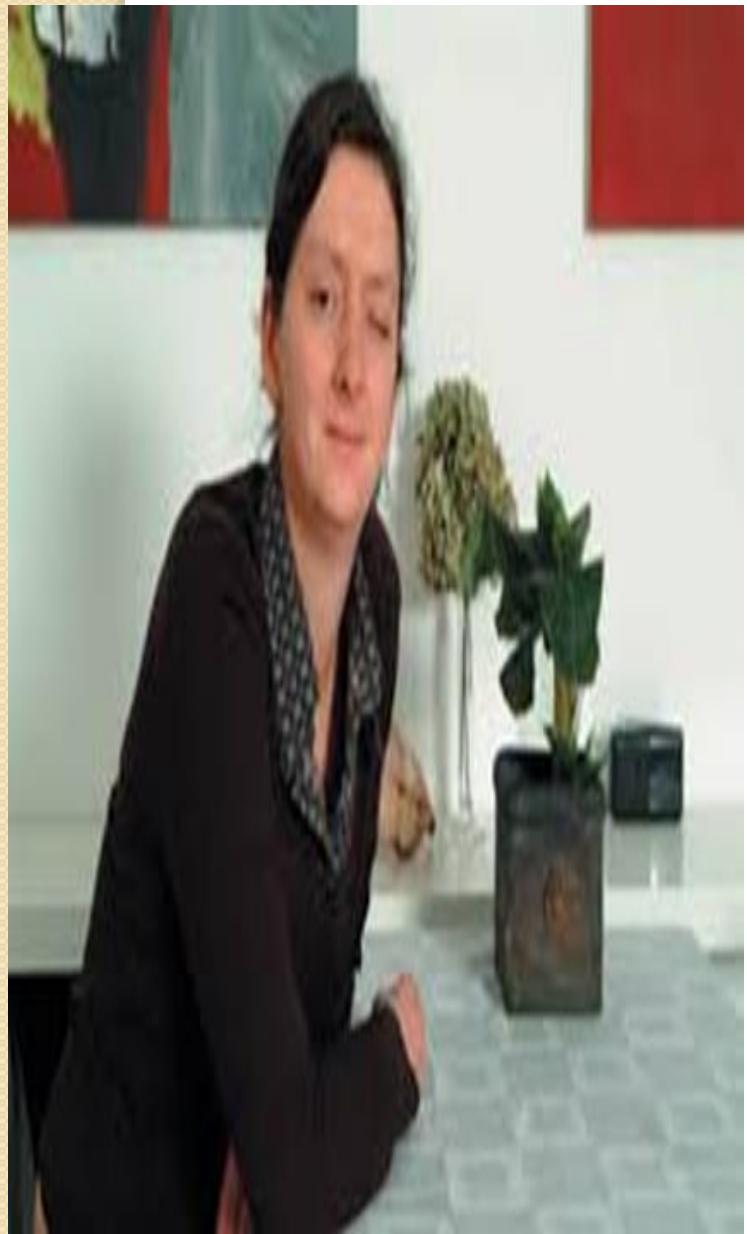




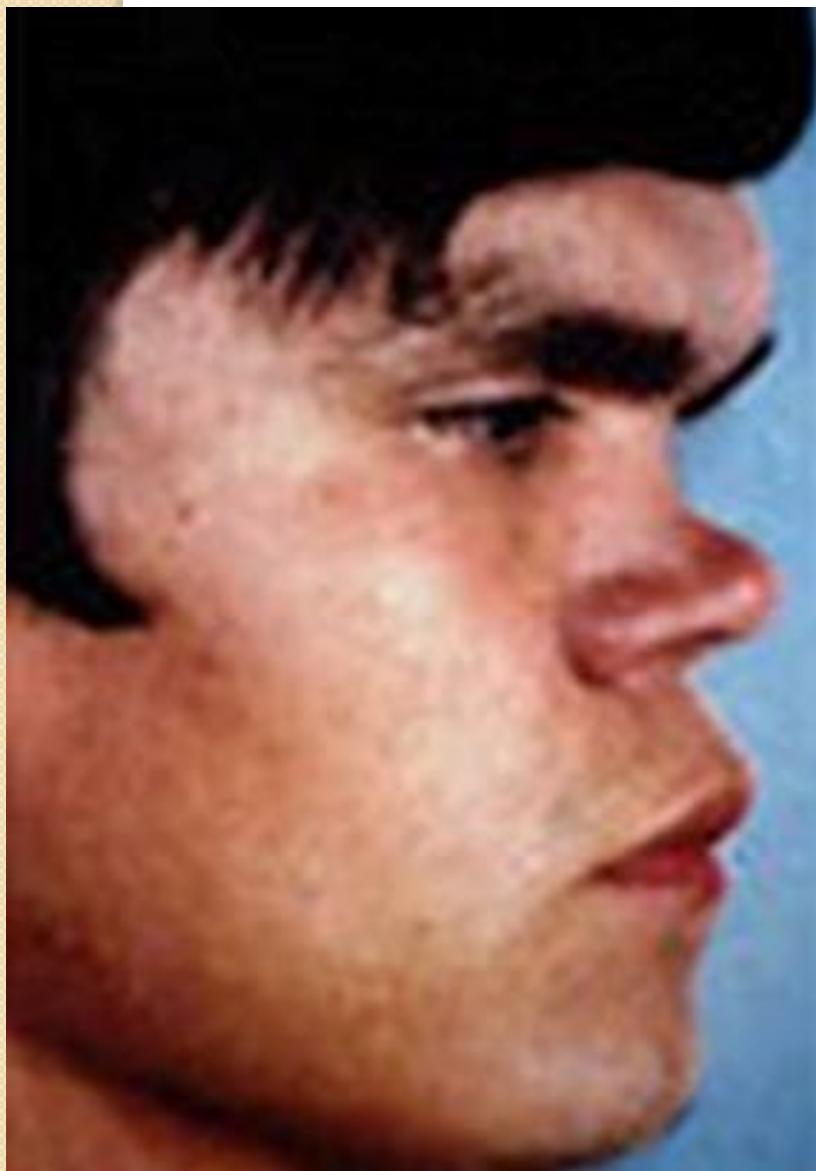
Face











Beta Thalassemia Major – bone changes



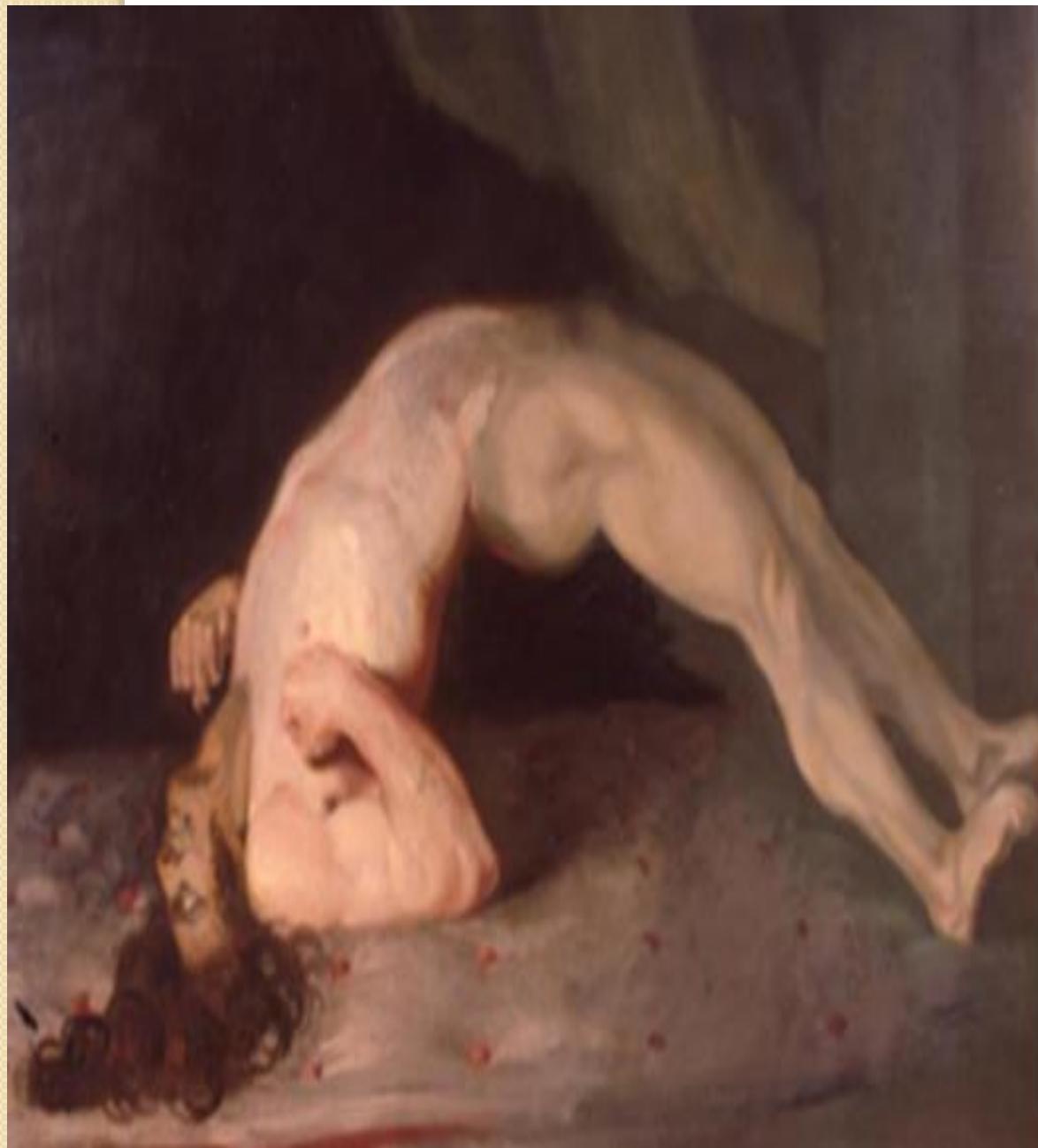




Illustration 6. Measles-like rash before and after treatment.

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



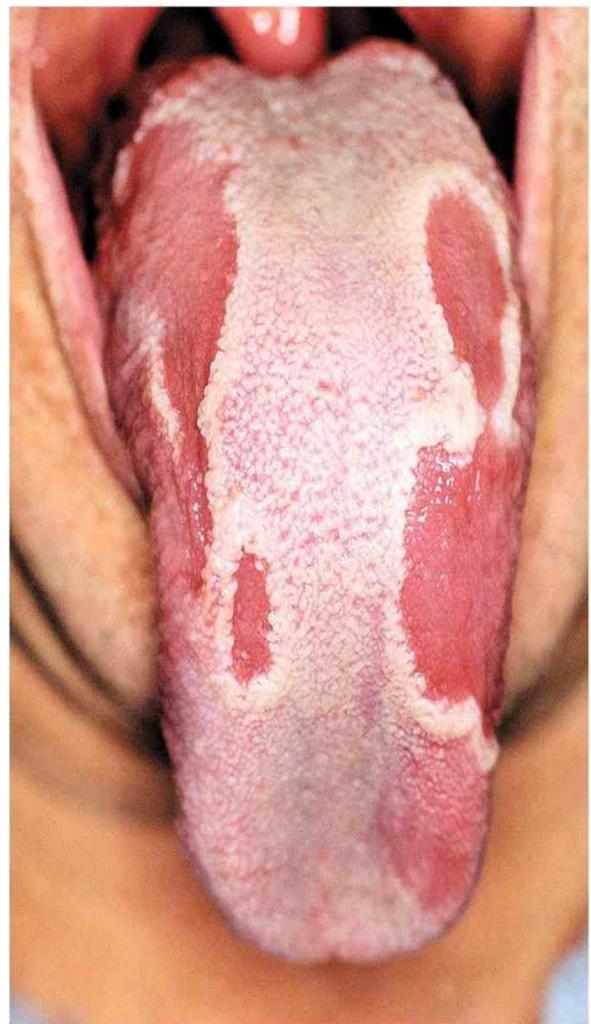
Cold Sore

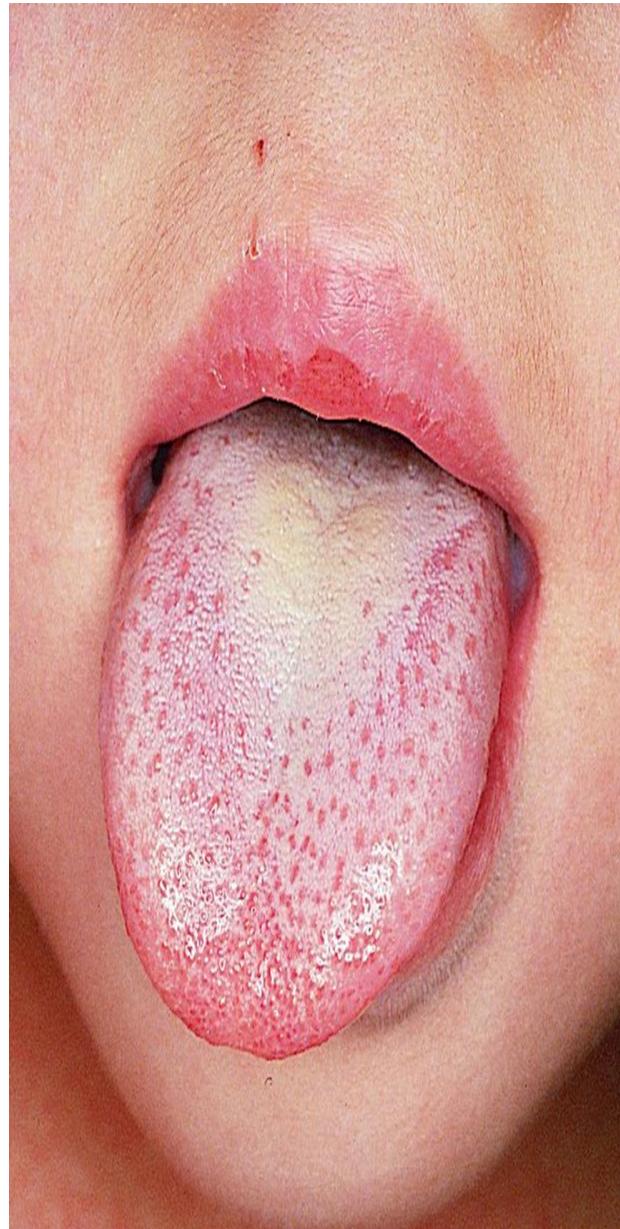


Angular Cheilitis



Tongue





Mouth ulceration



Gums



Teeth



Ears

- Discharge
- Shape
- Tophi
- Color

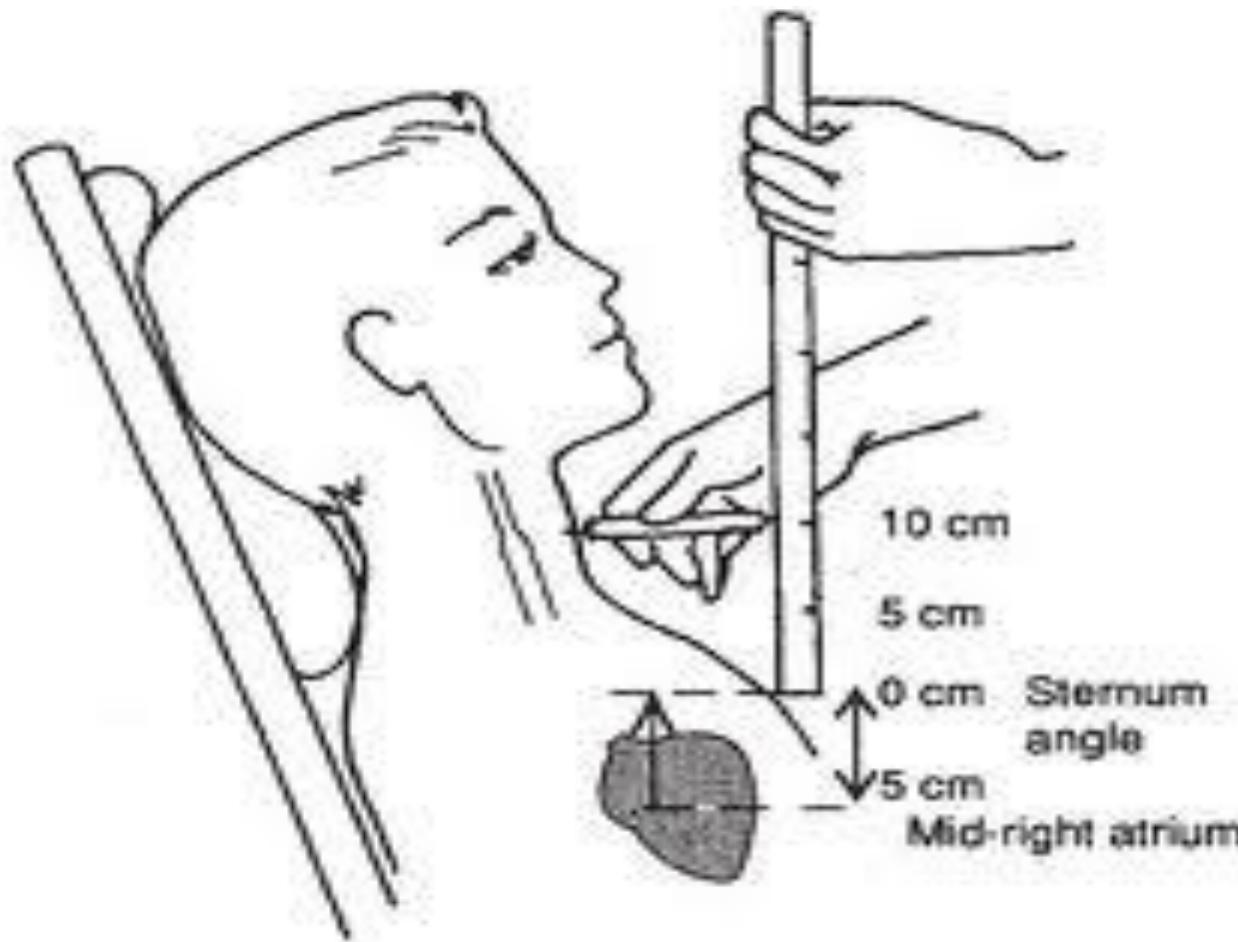
Parotid gland

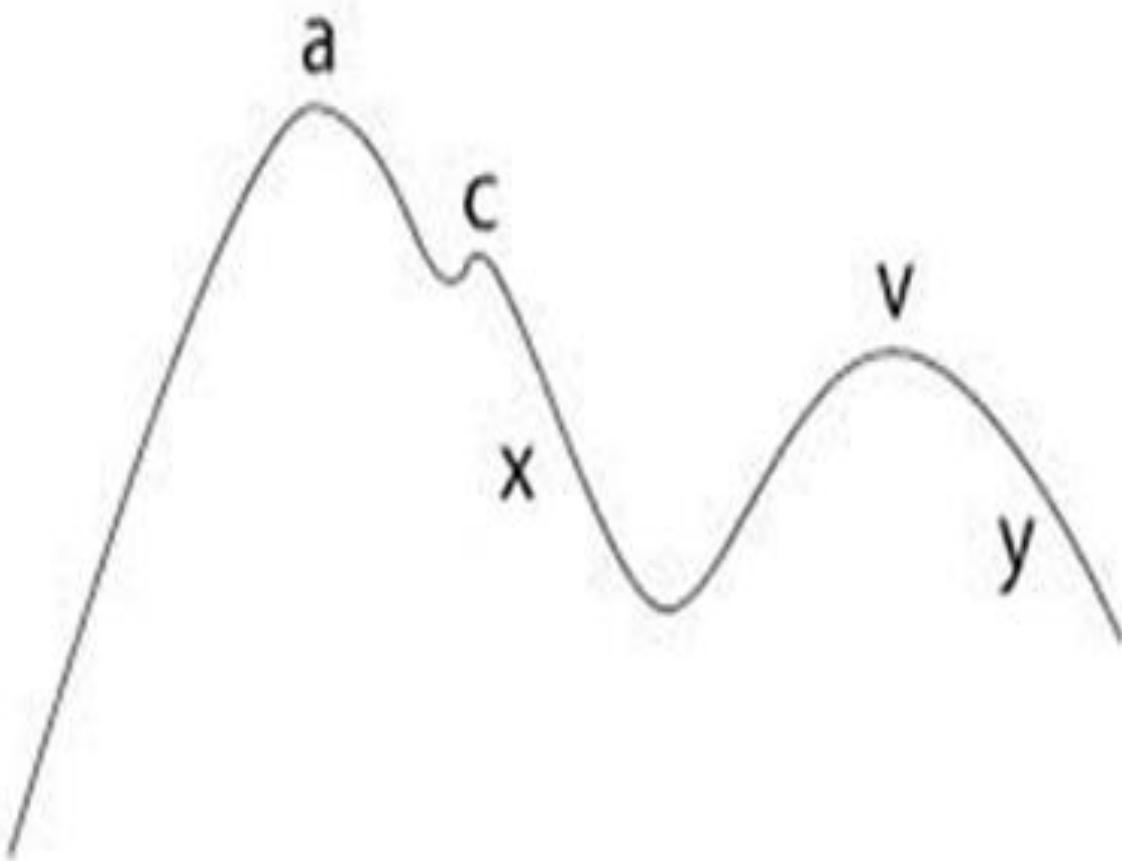
- Swelling
- Pain

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