



## ***Medical terminology Lecture 6***

***Dr. Kareem Obayes Handool***

***Third Stage***

***Department of Medical Physics***

***Al-Mustaqbal University***

***2024-2025***

### The Prefixes-Cont. (a)

**a-** : Prefix much employed in the health sciences indicating **"not, without, -less"** as, for example, in **alexia** (not read), **aphagia** (not eat), **aphonia** (not voice, voiceless).

The **"a-"** usually becomes **"an-"** before a vowel as, for example, in **anemia** (without blood), **anotia** (no ear), **anoxia** (no oxygen). The prefix **"a-"** comes from the Greek meaning "not."

### The Prefixes-Cont. (ab)

**ab-**: Prefix from the Latin meaning **"from, away from, off"** as in **abduction** (movement of a limb away from the midline of the body), **ablate** (carry or cut away), abnormal (away from normal), **absorb** (to suck away). **"Abs"** in the plural is slang for the abdominal muscles.

### The Prefixes-Cont. (C)

**Term:** Carcin (o)-

**Meaning:** cancer

**Example:** Carcinoma: Tumor.

Meaning: heart

Example: **cardiomegaly**: heart enlargement. **cardiology**: science of heart study.

Meaning: head or brain

Example: **Cephalomeningitis**: Inflammation of the meninges.  
“The surrounding membranes the brain”.

Meaning: Gall bladder

Example: **Cholecystolithiasis**: stones in the gallbladder.  
**Cholecystitis**: inflammation of the gall bladder  
 Cholecystectomy: removal of gall bladder.

**Term:** Col (o) , Colon (o)-      **Meaning:** Colon or Large Intestine.

Example: **Colostomy**: an opening in the large intestine . **Colonoscopy**: scope for the large intestine. **Colectomy**: removal of parts of large intestine.

Meaning: skull

Example: **Craniotomy**: an opening in the skull. **Cranioplasty**: surgical grafting of the skull.

Meaning: blue

Example: **Cyanosis**: bluish discoloration of the skin due to lack of oxygen).

Meaning: Cell

Example: **Cytology**: science of studying the cell. **Cytotoxic**: poisoning of the cell.

Meaning: around

Example: **Circumoral**: around the mouth.

Meaning: cartilage

Example: **Chondroblast**: cartilage forming cell. **Chondrectomy**: removal of the cartilage.

## Meaning ribs

Example: **Costal**: related to the ribs. **Costectomy**: resection of rib.

## The Prefixes-Cont. (D)

Meaning: Denti, Teeth

Example: **Dentology** : the science that study teeth. **Dentitis** : inflammation of teeth.

Meaning: skin

Example: **Dermatology** : the science that study the skin .  
**Dermatitis** : inflammation of the skin.

Meaning: absence, removal, separation

Example: **Tissue Dissection**: (to separate tissues for anatomical study).

**Term:** Dia                                      Meaning: between

Example: **Diaphragm** : between the abdominal cavity and chest cavity.

**Term:** Dys                                      Meaning: difficult

Example: **Dyspnea** : difficult breathing. **Dysphagia**: difficult swallowing. **Dyspepsia**: difficult digestion.

**Term:** Ech (o)                                      Meaning: Sound

Example: **Echocardiogram** : heart sound recording.