

# Medical Terminology

## Second Lecture

word root, combining form, prefix and compound word

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# Word Root

□ The foundation of a word.

Example : **Gastr** / **Gastr**/itis, **Gastr**/ectomy, **gastr**/ic

# Combining Form

□ **Word root + vowel = Combining form**

□ **Cardi/ o = Cardio**

□ **Combining vowel = (a, e, i, o, u, and y)**

- **Combining Vowel**

- □ Adding a vowel(**a, e, i, o, u, and y**) to a word root to create a combining form allows 2 or more word roots to be joined to form a compound word. It also allows a word root to be joined with a suffix(word ending) to form a word. Vowel makes the term easier to pronounce.

- Combining form (word root + vowel) is usually used to join a word root to a suffix or other root that begins with a consonant.
- **Combining form + Suffix = Word**
- Gastr/o -scopy = Gastroscopy
- **combining form+ combining form+ suffix= compound word**
- Gastr/o duoden/o -scopy = Gastroduodenoscopy

- □ A word root, not a combining form, is used to join a word root with a suffix or another word root that begins with a vowel.
- □ **Word root + Suffix = Word**
- □ Dermat+ itis= Dermatitis
- word root +suffix= word

- **Compound Word**

- □ Compound words can be formed when 2 or more word roots are used to build the word.
- □ **Word root + word root = Compound word**
- □ Chicken + Pox = Chickenpox
- □ under + age = underage
- Down +load = download
- Brain + stem brainstem

- **Compound Word**

- Micr/o + scope = Microscope
- Micr/o + surgery = Microsurgery
- Micr/o + meter = Micrometer
- Hydr/o + phobia = Hydrophobia
- Hydr/o + cele = Hydrocele
- Hydr/o + therapy = Hydrotherapy

# Prefix

Prefix is a word part that goes in front of a word root, changing the meaning of the word.



# Prefix

Ex- + tension=Extension

Ex-+ press=Express

Dis-+ please=Displease

Dis-+ ease=Disease

Im-+ plant=Implant

Sup-+ plant=Supplant

Trans-+ plant=Transplant

# **Acr/o = Extremities**

Acr/o = extremities (arms and legs)

Acr = word root

O = vowel

Acr/o = combining form

Acr/o/paralysis: Paralysis of extremities

Acr/o/cyan/osis: Condition of blue extremities

Acr/o/dermat/itis: Inflammation of skin of the extremities.

Cyan/o = Blue, Blueness

- Cyan/osis: (noun) Condition of blueness
- Cyan/otic: (adj.) Pertaining to a condition of blueness
- **-tic = adjective suffix for “pertaining to”**
- Acr/o/cyan/osis: Blueness of the extremities
- Cyan/o/derma: Bluish discoloration of the skin

*Thank you for listening*