

اسم المادة و الكورس

MEDICAL TERMINOLOGY

Sawa University

جامعة ساوة الاهلية

College of health and medical techniques

كلية التقنيات الصحية والطبية

Department of Anesthesia

قسم تقنيات التخدير

..... 2 Stage

المرحلة الثانية

..... 2 محاضرة رقم

نظري

Lecture No.

Theoretical

استاذ المادة :الدكتور علي عواد

OBJECTIVE


Prefixes

Amount and Comparison

Color.

Size.

The prefixes

Prefixes Pertaining to Amount and Comparison:

-Mono or uni: single or one, e.g. monocyte means a single cell, unidirectional means has one direction.

-Bi : means two, e.g. bilateral refers to two sides .

-Tri: means three, e.g. tricuspid valve is a heart valve composed of three parts.

-Quadri: means four, e.g. quadriplegia means paralysis in all four limbs.

-Multi or poly: means many or much, e.g. polyneuritis means inflammation in many nerves.

-Semi or hemi: means half, e.g. hemiplegia means paralysis in one half of the body.

-Hypo: means lower than normal, e.g. hypotension means low blood pressure.

-Hyper: means above normal, e.g. hyperthyroidism means increased level of thyroid hormones ,hyperemesis means excessive vomiting, hypertension means higher blood pressure.

-Homo or homeo: means same, e.g. homomorphic means same shape.

-Allo: means different, e.g. allopathy means different disease.

-Schizo: means split or divided, e.g. schizophrenia means divided mind.

-Oligo: means few, e.g. oligospermia means decreased sperm count .

PREFIXES PERTAINING TO COLOUR

-**Leuko or leuco:** means white, e.g. leukocytes means white cells, leukemia is cancer of leucocytes.

-**Erythro:** means red, e.g. erythrocyte is a red cell, erythema means redness.

-**Cyan:** means blue, e.g. cyanosis means bluishness of skin.

-**Melan:** means black, e.g. melanoma means a black tumor, melanocyte is the cell that secretes the black pigment melanin

refixes Pertaining to Size:

-Micro: means small, e.g. microcardia means a heart size smaller than normal, micro-organism means a small organism.

-Macro, mega or megalo: means large, e.g. megaloblastic anemia is a type of anemia characterized by large blood cells, macromolecule means a large molecule, megacolon means a large colon .

Suffixes Pertaining to Diagnosis and Symptoms:

-emia: is the suffix for blood, e.g. leukemia is an abnormal amount of immature white blood

cells, hypoglycemia is a low amount of sugar in the blood, septicemia means infection of

the blood.

-itis: means inflammation, e.g. encephalitis means brain inflammation, stomatitis means mouth inflammation.

-osis: means a disease or a condition, e.g. nephrosis means kidney disease, stomatomycosis means a disease of fungal infection in the mouth, dermatophytosis means a condition of

fungal infection in the skin.

-pathy: -sclerosis :

means disease, e.g. neuropathy means nerve disease .

means hardening, e.g. arteriosclerosis means hardening of arteries.

-megaly: means enlargement, e.g. hepatosplenomegaly means enlargement of liver and spleen.

-oma: means tumor, e.g. lipoma means fatty tumor. -phobia: means fear, e.g. hydrophobia means pathological fear of water, urophobia means

pathological fear of urination, gynophobia means pathological fear of women.

algia or algesia: mean pain, e.g. dentalgia means pain in teeth, hyperalgesia means excessive pain sensation, talalgia means ankle pain .

-lysis: means destruction or breakdown, e.g. hemolysis means destruction of blood cells.

-phasia: means speech, e.g. aphasia means without speech.

Examples :

splenomegaly

splen ----- Root (spleen)

o A combining vowel

megaly Suffix means enlargement

Oligo- + ur/o + -ia i.e enlargement of spleen

is spelled oliguria

and means condition of deficient urine

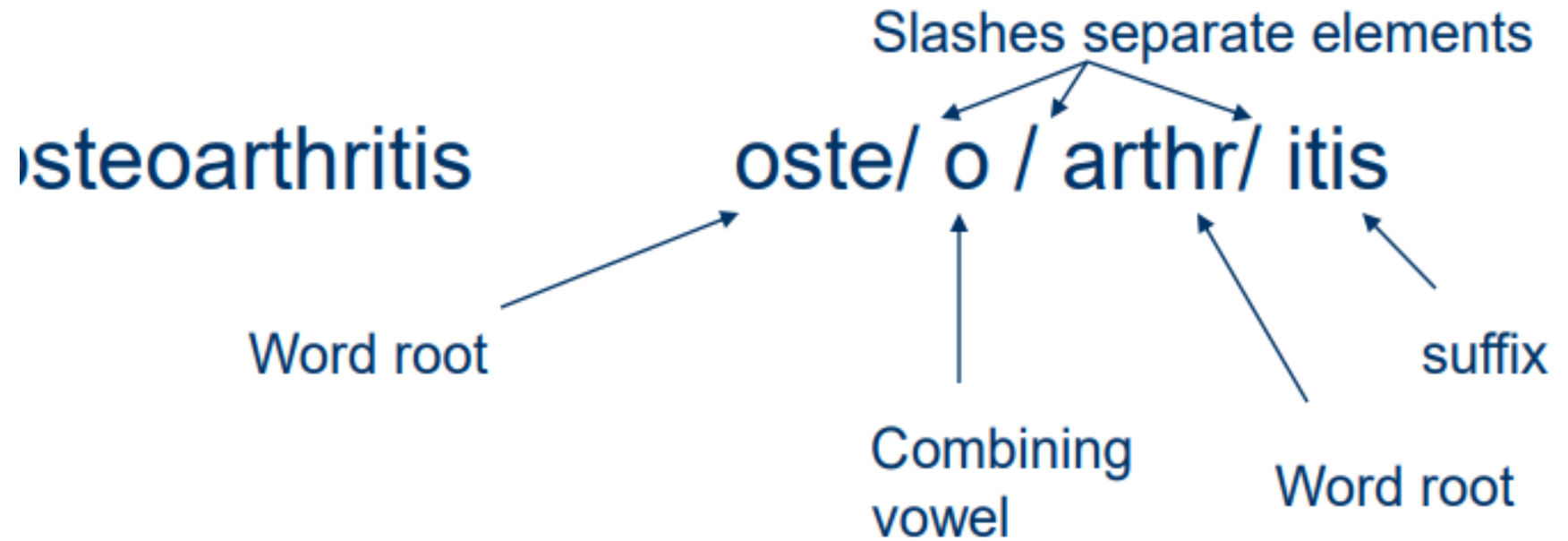
Oste/o + -ectomy is spelled ostectomy

and means removal of bone

Peri- + cardi/o + -itis is spelled pericarditis

and means inflammation around the heart

When a word has more than one root, a combining vowel is used to link the root to another.



What is the meaning of the m.terminology?
mention each part of m.term. Element?

Pericarditis ,hepatitis ,osteoarthritis



Thank you



وَلَسَوْفَ يُعْطِيكَ رَبُّكَ

فَتَرْضَىٰ ﴿٥﴾