

Medical Terminology

مصطلحات طبية

Lecture-2

Course number: 116

Level: 1st

Semester: 1st

Dr. Mohamed Elnagar

Roles of Pronunciation قواعء النطق

Shortcuts to Pronunciation

Consonant

Example

c (before a, o, u) = **k**

cavity

تجويف

colon

قولون

cure

شفاء / علاج

c (before e, i) = **s**

cephalic

رأسي in or relating to the head

cirrhosis

تشمع الكبد

ch = **k**

cholesterol

g (before a, o, u) = **g**

gallstone

حصوه المرارة

الغدد التناسلية

gonad



an organ that produces gametes; a testis or ovary.

g (before e, i) = j

generic

giant

ph = f

phase

pn = n

pneumonia

ps = s

psychology

pt = t

ptosis



rh

= r

rhythm

rrh

hemorrhoid

x = z (as first letter)

xerosis

abnormally dry skin



بعض الكلمات التي لها اتحاد الحرفين المتحركين (oe, ae) تنطق (ee)
الأمثلة التالية:

Word	Pronunciation
haema	he'mah
coelum	se'lom
septicaemia	sep'ti-se'me-ah
caecum	se'kum

بعض الكلمات التي لها اتحاد الحرفين المتحركين (oe, ae) تنطق (ee) - أمثلة التالية:

Septicaemia = Systemic infection of the blood by pathogenic microorganisms, especially bacteria.

العدوى للدم عن طريق الكائنات الحية الدقيقة المسببة للأمراض ، وخاصة البكتيريا

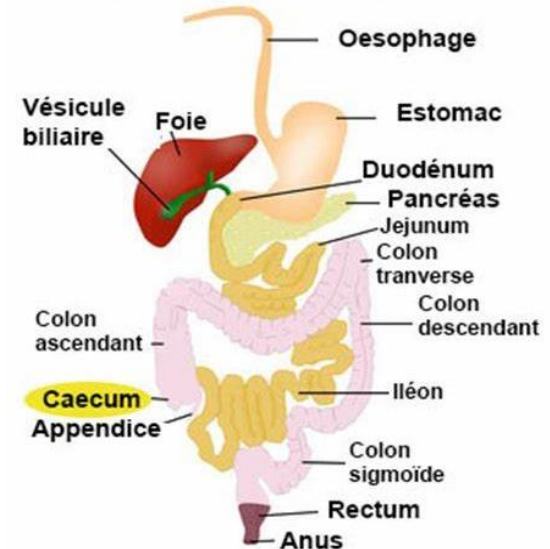
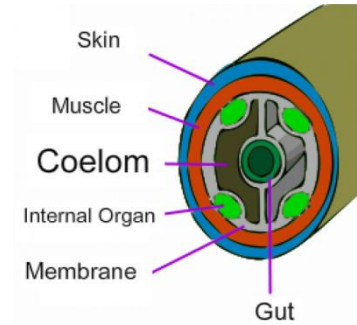
Haematuria = Blood in urine دم فى البول

Haemorrhage نزيف = escape of blood from a ruptured blood vessel

Coelom is a body cavity formed during embryo development from the three germinal layers.

وتنطق سيلوم

Caecum = First part of the large intestine (junction of the small and large intestines) – 'caecus', a Latin word that means 'blind' الأعور



Plurals جمع المفردات

- 1- Words ending in **a**, retain the **a** add **e** → **ae** :
vertebra → **vertebrae**, **antenna** → **antennae**
- 2- Words ending in **is**, drop the **is** and add **es**:
diagnosis → **diagnoses** , **analysis** → **analyses**
- 3- Words ending in **ex or ix**, drop the **ex or ix** and add **ices**:
apex → **apices**, **cortex** → **cortices**, **appendix** → **appendices**.
- 4- Words ending in **ax**, drop the **ax** and add **aces**
thorax → **thoraces**
- 5- Words ending in **on**, drop the **on** and add **a**:
ganglion → **ganglia**
- 6- Words ending in **um**, drop the **um** and add **a**:
bacterium → **bacteria**, **ovum** → **ova**, **ileum** → **ilea**.
- 7- Words ending in **us**, drop the **us** and add **i**:
bronchus → **bronchi** , **nucleus** → **nuclei**, **alveolus** → **alveoli**

Singular and Plural Forms

Most often plurals are formed by adding s or es to the end of a singular form. The following are common exceptions.





Singular		Plural	
Ending	Example	Ending	Example
-a	vertebra	-ae	vertebrae
-is	diagnosis	-es	diagnoses

-ma	condyloma	-mata	condylomata
-on	phenomenon	-a	phenomena
-um	bacterium	-a	bacteria
-us ^a	fungus	-i	fungi
-ax	thorax	-aces	thoraces
-ex	apex	-ices	apices
-ix	appendix	-ices	appendices
-y	myopathy	-ies	myopathies

Plurals جمع المفردات

Common Prefixes

Prefixes Pertaining to **COLOUR**

Prefix	Meaning	Example & (Definition)	
alb/i	White	<i>albino</i> (a person with <u>white</u> hair, very pale skin and <u>non-pigmented</u> iris) ذو شعر أبيض وبشرة شاحبة جدا وقزحية غير مصطبغة	
chlor/o	Green	<i>chlorophyll</i> (a group of <u>green pigment</u> porphyrins involved in oxygen binding) الصبغ الأخضر فى النباتات	
chrom/o	Color pigment	<i>chromhidrosis</i> (term for secreting pigmented sweat) إفراز العرق المصطبغ <i>monochrome</i> (one color) أحادى اللون	 

cirrh/o

Orange

cirrhosis

(disease characterized by yellow discoloration of affected organ)
(chronic degenerative disease of the liver with resultant yellowness of the liver and of the skin)



cyan/o

blue

cyanosis

(a bluish discoloration of skin)



**erythr/
o**

red

erythrocyte

(red blood cell containing the red pigment hemoglobin and responsible for transferring of oxygen)



glauc/o

**Greyish
or
Silvery**
"رمادي"
"معتم" أو
رصاصي

Glaucoma الجلكوما

(eye disease characterized by grey color of eye and an increase in intraocular pressure)



leuko/o

white

Leukocytes كرات الدم البيضاء

white blood cells

leukorrhea

(white discharge from the vagina)



Jaund/o

yellow

jaundice مرض الصفراء

(yellow discoloration of the skin)

لون الجلد أصفر



melan/o

black
dark

melanoma

(a skin tumor containing dark pigment)

سرطان جلدي



poli/o

grey

poliomyelitis

(an acute viral disease due to attacking the grey matter of the spinal cord)

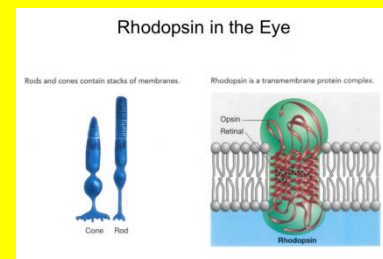
مرض فيروسي يصيب المادة الرمادية (للحبل الشوكي)



rhod/o

red

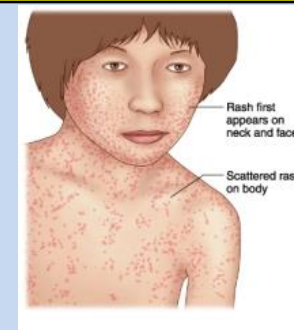
rhodopsin
(a photosensitive purple red chromoprotein in the retinal rods)



rubi/o

**reddish
redness**

rubella
(a mild viral infection marked by a pink macular rash)



طفح بقعي وردي

xanth/o

yellow

xanthochromia
(yellow discoloration of skin or spinal fluid)

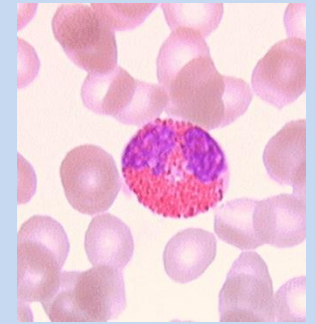


Xanthoma: A condition characterized by yellowish firm nodules in the skin
xanthoderma (yellow coloration of the skin)

EOSIN/O

**Red
rosy**

eosinophil
(bilobed leukocyte that stains a red, rosy color with an acid dye)



PURPUR/O

Purple

Purpura
(collection of blood beneath the skin in the form of pinpoint hemorrhages appearing as red/purple skin discolorations)

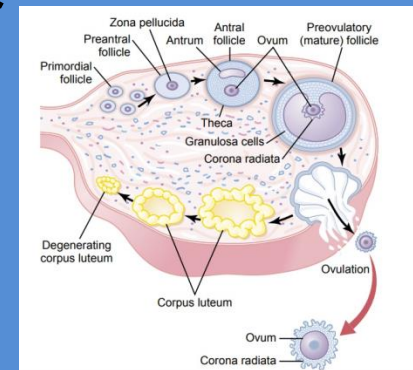


LUTE/O

yellow

corpus luteum الجسم الأصفر

(a yellow glandular mass on the surface of the ovary that forms after the ovarian follicle ruptures and releases a mature ovum)



- yellow hormone-secreting body in the female reproductive system.