


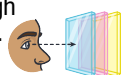




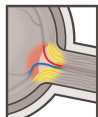




CONCEPT: VISUAL SYSTEM: WORD BUILDING

Structures of the Eye

◆ Combining forms describing structures of the eye.

Combining Form	Definition	Memory Tool
ocul/o	eye	bin/ ocul /ars 
opt/o optic/o	eye, _____	opt/o /metry 
blephar/o	eye _____	Blink Far . 
uve/o	choroid	You've seen through layers. 
ir/o irid/o	_____	Iridescent iris. 
cor/o	_____	Black core of the iris. 

Combining Form	Definition	Memory Tool
cycl/o	_____ body	Cyclic silly muscle. 
phac/o lent/o	_____	" Phocus " lens. 
papill/o	optic _____	Optic nerve pops in. 
dacry/o lacrim/o	_____	Don't cry crimson eye. 
chromat/o	_____	poly/ chromat /ic 

EXAMPLE

Fill in the blanks for following.

- 1) _____: dacryoma.
- 2) Paralysis of ciliary muscle: _____.
- 3) Swelling of optic disk: _____.

PRACTICE

Match each definition with correct term.







1) _____	Unequal pupil size.
2) _____	Eyelid drooping.
3) _____	Surgical removal of a portion of the iris.
4) _____	Pertaining to eye.






- a) Blepharoptosis
- b) Ocular
- c) Heterocoria
- d) Iridectomy
- e) Anisocoria

CONCEPT: VISUAL SYSTEM: WORD BUILDING

Functions and Pathology

◆ Combining forms describing functions and pathology of the visual system.

Combining Form	Definition	Memory Tool
ambly/o	dull, _____	Ambient dim lighting. 
diplo/o	_____	Diplo/oid cell. 
emmetr/o	correct, proper	Aim it correctly. 
stigmat/o	_____	Pointy Sting . 
mi/o	lessening, _____	Small millipede . 
mydr/i	widen, _____	Mighty wide eye. 

Combining Form	Definition	Memory Tool
nyctal/o	_____	nocturnal 
presby/o	_____ age	Pressed by time. 
vitre/o	glassy	Vision orb . 
glauco/o	_____	glauco/oma 
goni/o	_____	hexagon 

EXAMPLE

Fill in the blanks for following.

- 1) Mydriatic refers to an agent that _____.
- 2) Medical condition in which the pupil is _____ or constricted is called miosis.

PRACTICE





Instrument used to measure the anterior chamber angle of the eye is called _____

- a) Optometry.
- b) Goniometer.
- c) Optometer.
- d) Goniometry.

CONCEPT: VISUAL SYSTEM: WORD BUILDING

Suffixes and Prefixes

◆ Commonly used suffixes and prefixes.

Suffix/Prefix	Definition	Memory Tool
-opia -opsia	_____ condition	Oops I can't see. 
-tropia	_____ condition (Describes conditions of eye misalignment.)	tripping 
-pexy	surgical fixation	Epoxy 
my-	_____ condition	My eyes are closing. 

EXAMPLE

Fill in the blanks for following.

1) Achromatopsia is also known as _____.

2) A condition in which one or both eyes are turned inwards (eso-) is known as _____.

PRACTICE

Condition which makes seeing in low light or at night difficult, also called night blindness.

- a) Nocturnal blindness.
- b) Amblyopia.
- c) Photopsia.
- d) Nyctalopia.