

PREFIXES



GREEK AND LATIN

HOW DO WE DERIVE WORDS IN MEDICAL TERMINOLOGY



- **1) Derivation**
 - a) Prefix: ante-brachium; ana-lysis
 - b) Suffix: brachi-alis; nephr-itis
 - c) Prefix + suffix: ante-brachi-alis; para-neph-itis
- **2) Composition:** prim-i-para; pneum-o-thorax
- **3) Derivation + composition:** nas-o-lacrim-alis;
haemat-ur-ia
- **4) Abbreviation:** DM; CT; HIV, AIDS
- **5) Borrowings:** shock; stress

BASIC TERMINOLOGY

Medical words, like many other words consist of 3 basic component parts:



PREFIX	WORD ROOT	SUFFIX
	PORT	
RE	PORT	
IM	PORT	
SUP	PORT	
EX	PORT	
TRANS	PORT	
	PORT	ER
	PORT	ABLE
TRANS	PORT	ABILITY

PREFIXES



- **ORIGIN:** LATIN/GREEK prepositions and their phonological variants
- **ROLE:** SPECIFY/RESTRICT/CHANGE/ALTER the meaning of the derived word
 - **Ad-**ductor vs. **Ab-**ductor
- **POSITION:** AT the BEGINNING of the word
- **MEANING:**
 - TIME/PLACE
 - **DEGREE**
 - **DEVIATION/CORRECTNESS**

TIME



POSITION



Prae natalis

Ante natalis

Post natalis

Peri natalis

Prae mortalis

Post mortalis

ante positio

retro positio

intra uterinus

extra uterinus

exo genes

endo genes

ex cisio

circum cisio

DEGREE / DEVIATION/CORRECTNESS

hyper trophia

eu pne

hypo trophia

dys pne

a trophia

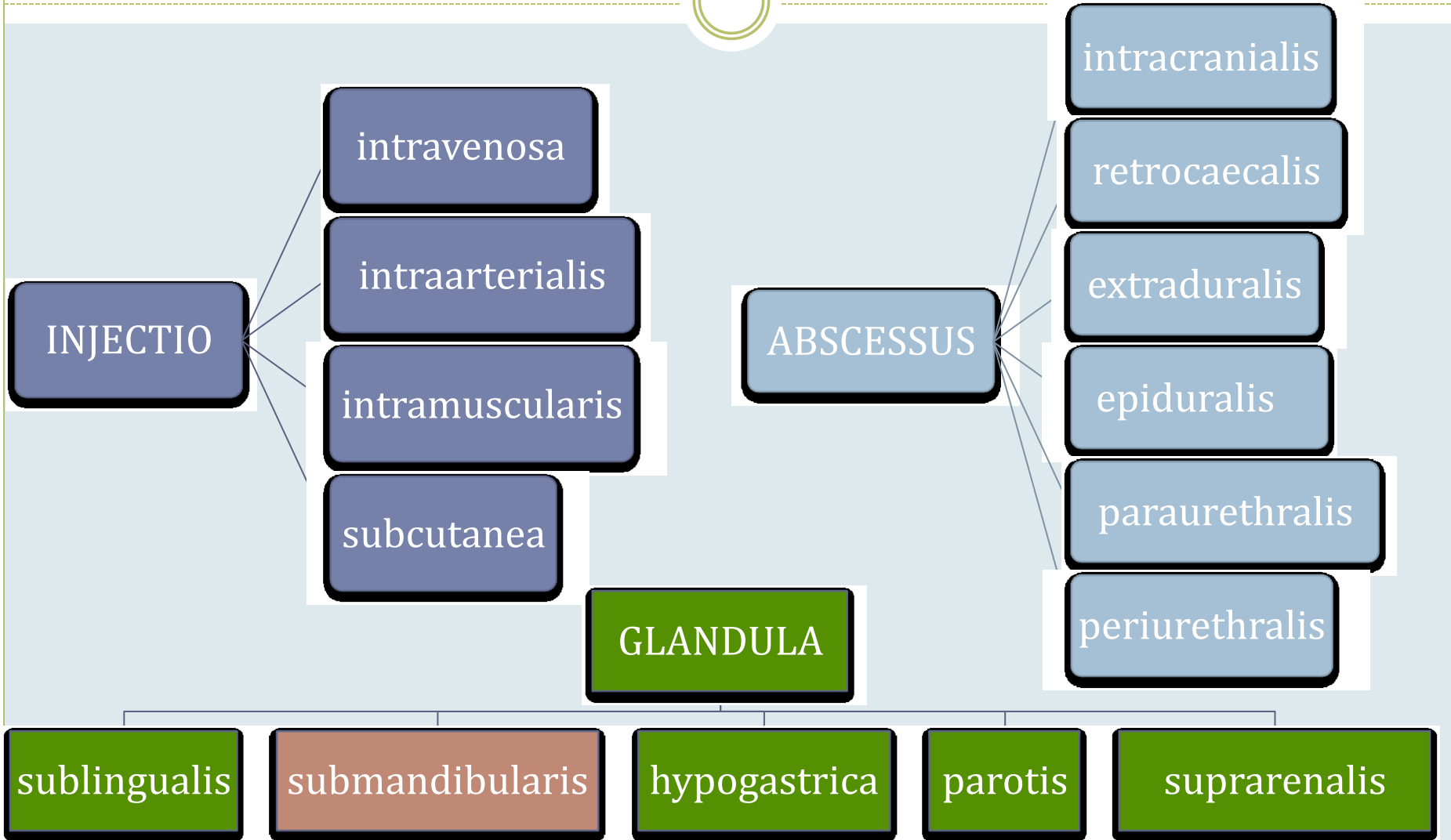
- totalis

sub totalis

- magnus

per magnus

GUESS THE MEANING OF THE PREFIX



GIVE THE OPPOSITE

vas afferens

colon ascendens

pars extracellularis

arteria infraorbitalis

haemorrhagia epiduralis

glandula exocrina

Hyperthyreosis

graviditas intrauterina

- **efferens**
- **descendens**
- **intracellularis**
- **supraorbitalis**
- **subduralis**
- **endocrina**
- **hypothyreosis**
- **extrauterina**

ANSWER THE QUESTIONS



Jennifer is seeing her doctor for “*praepartum*” care. Is she seeing the doctor **before** or **after** she has her baby?

Susan has “*endocarditis*”. Is this an infection **inside** or **outside** the heart?

The doctor told peter that his condition is called “*hypotensio arterialis*”. Is his blood pressure **above** or **below** normal?

A tube has been placed to relieve pressure. Terry was told that the tube is called “*cathether suprapubicus*”. Is the tube **above** or **below** the pubic bone?

Dr. Adams told Paul he would perform an “*enucleatio bulbi*” on his left eye. Did Dr. Adams **remove** Paul’s eye or **insert** a needle into his eye?