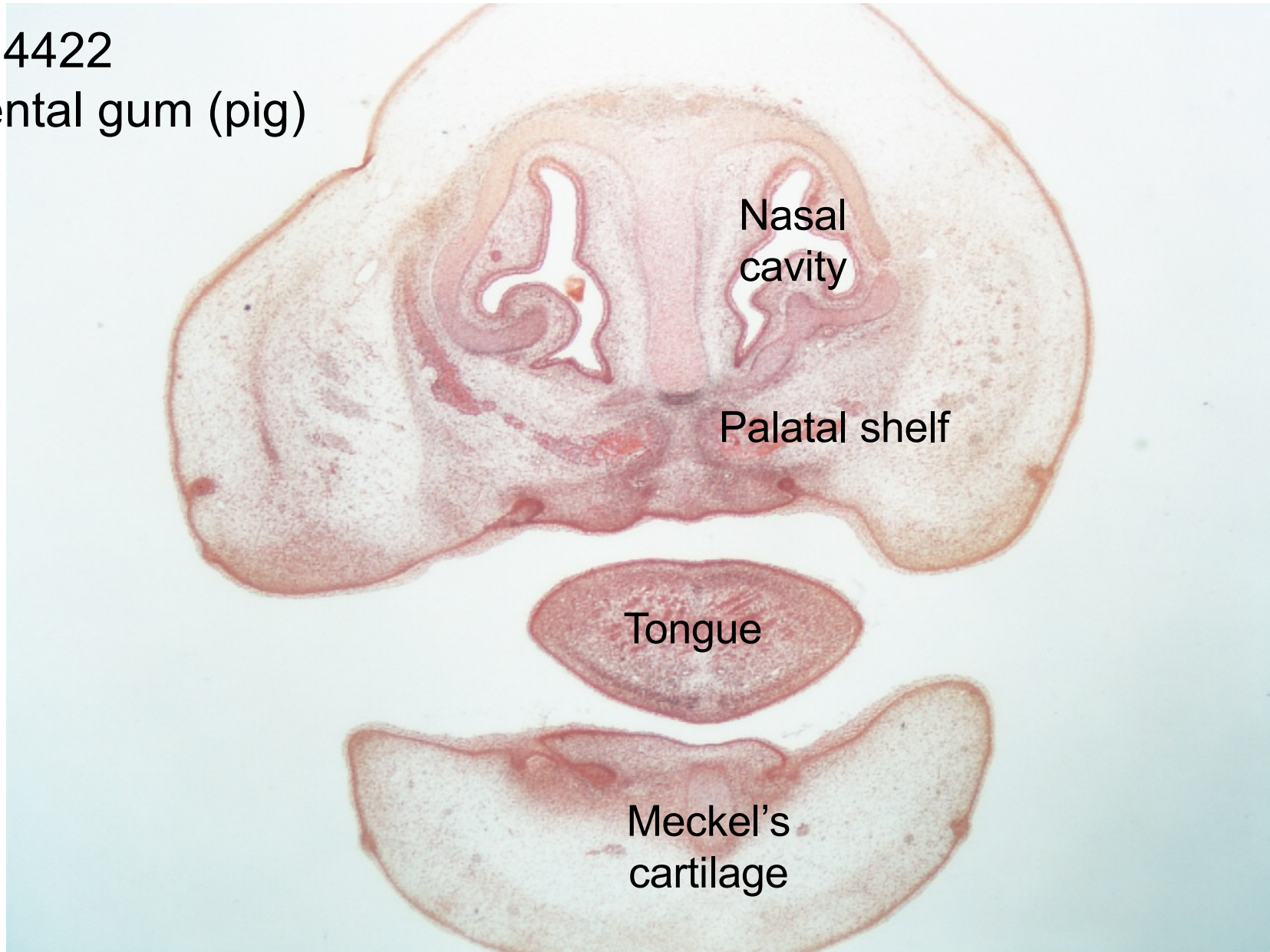
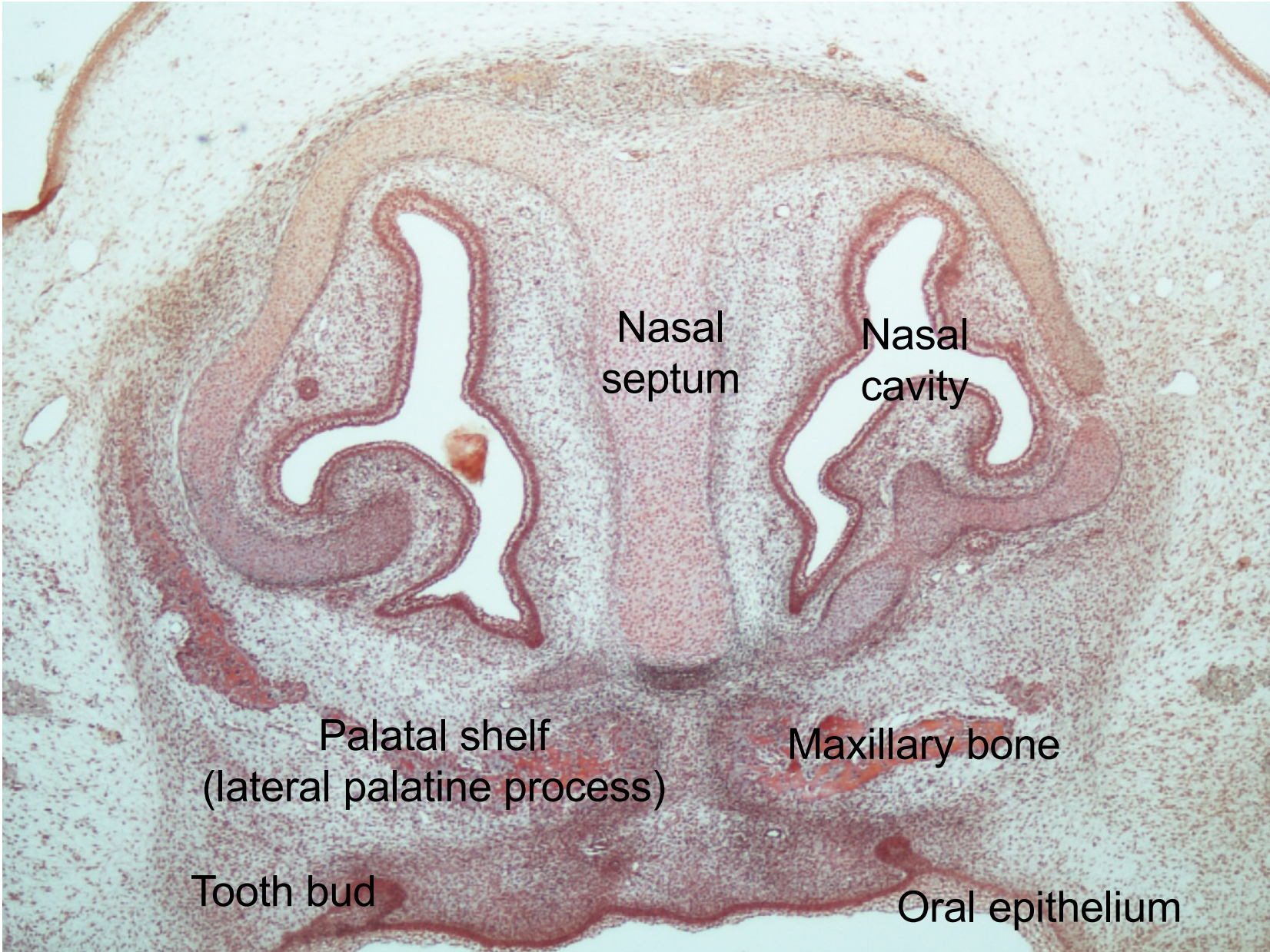


4422

Early dental gum (pig)





Nasal septum

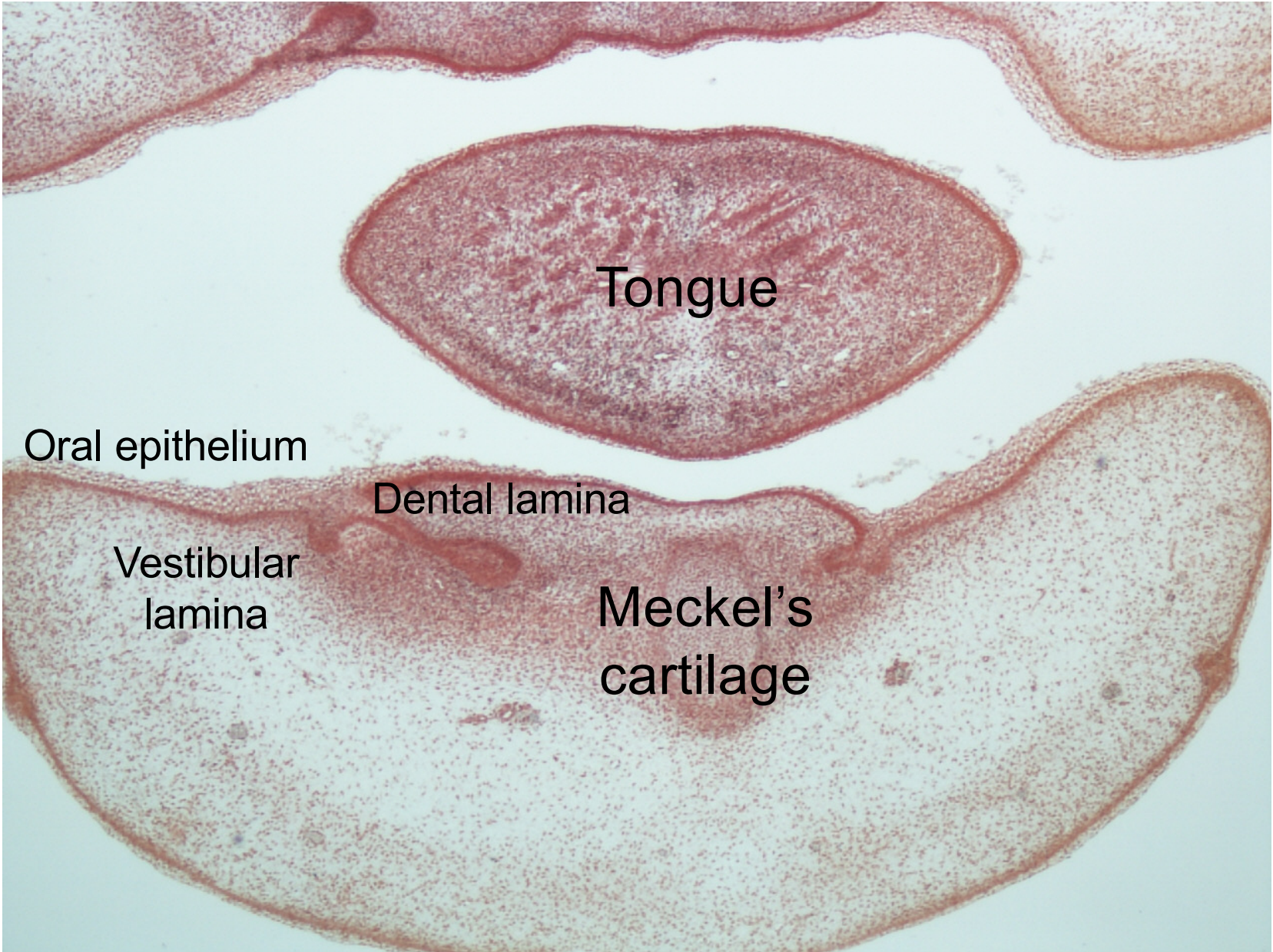
Nasal cavity

Palatal shelf
(lateral palatine process)

Maxillary bone

Tooth bud

Oral epithelium



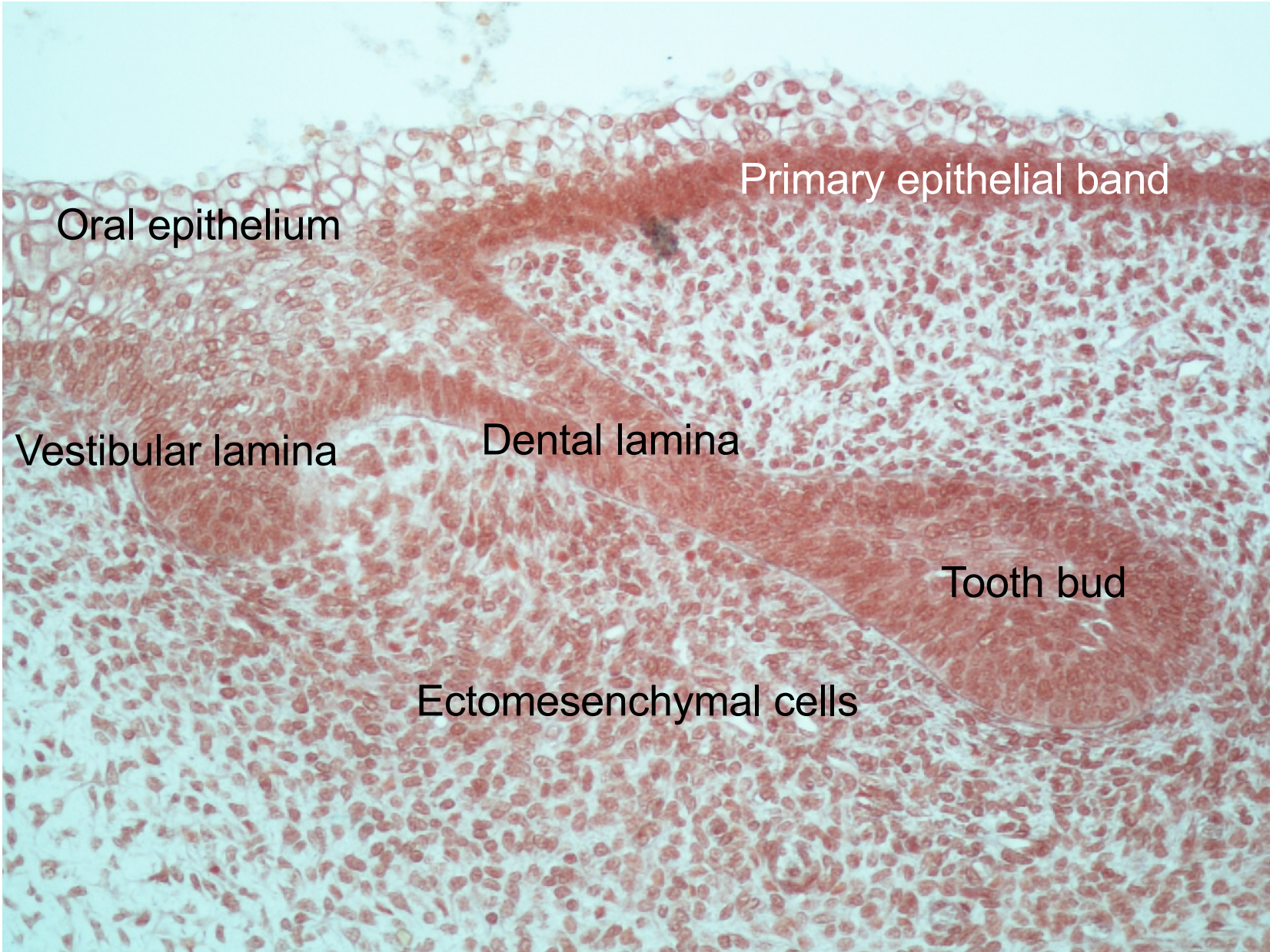
Tongue

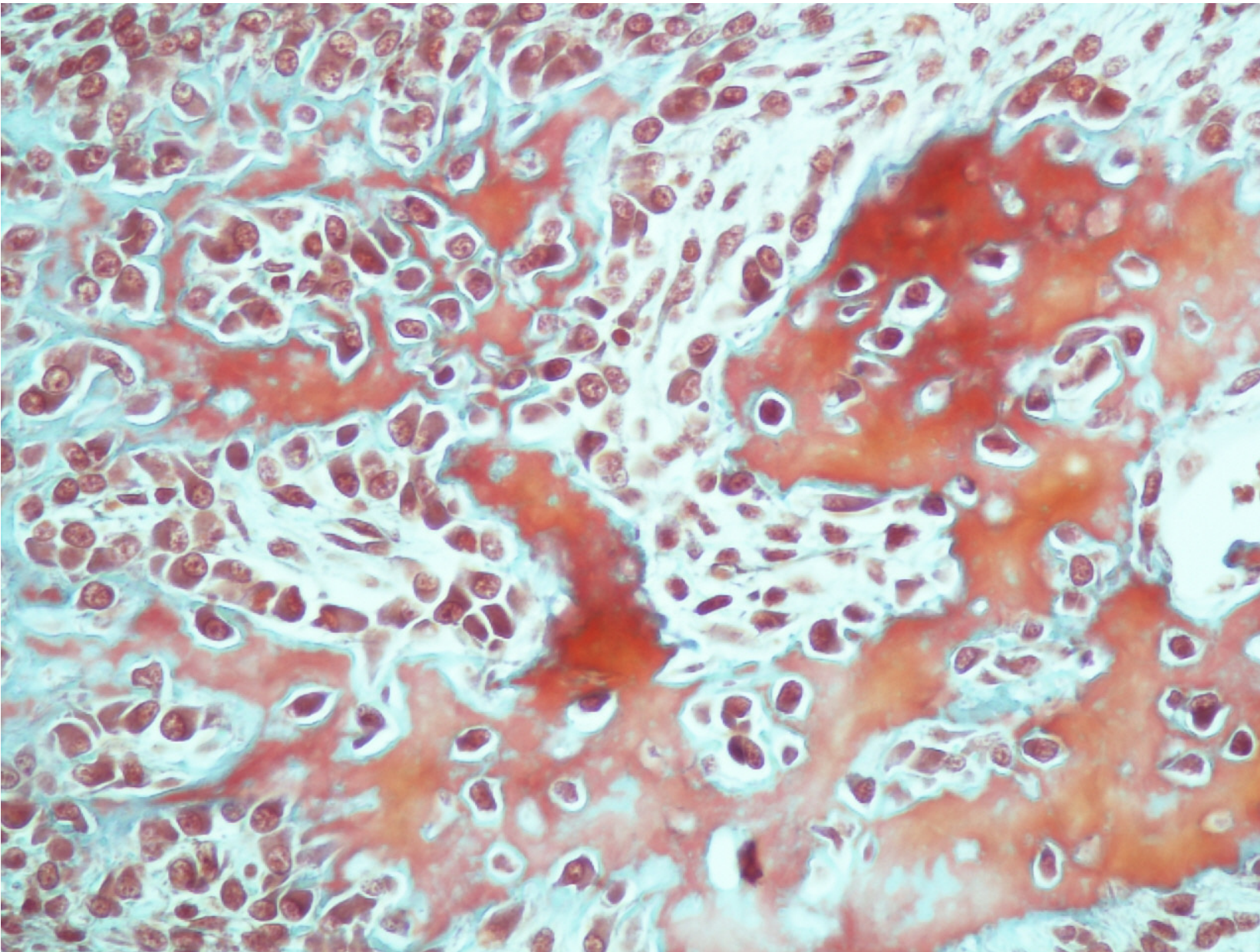
Oral epithelium

Dental lamina

Vestibular
lamina

Meckel's
cartilage



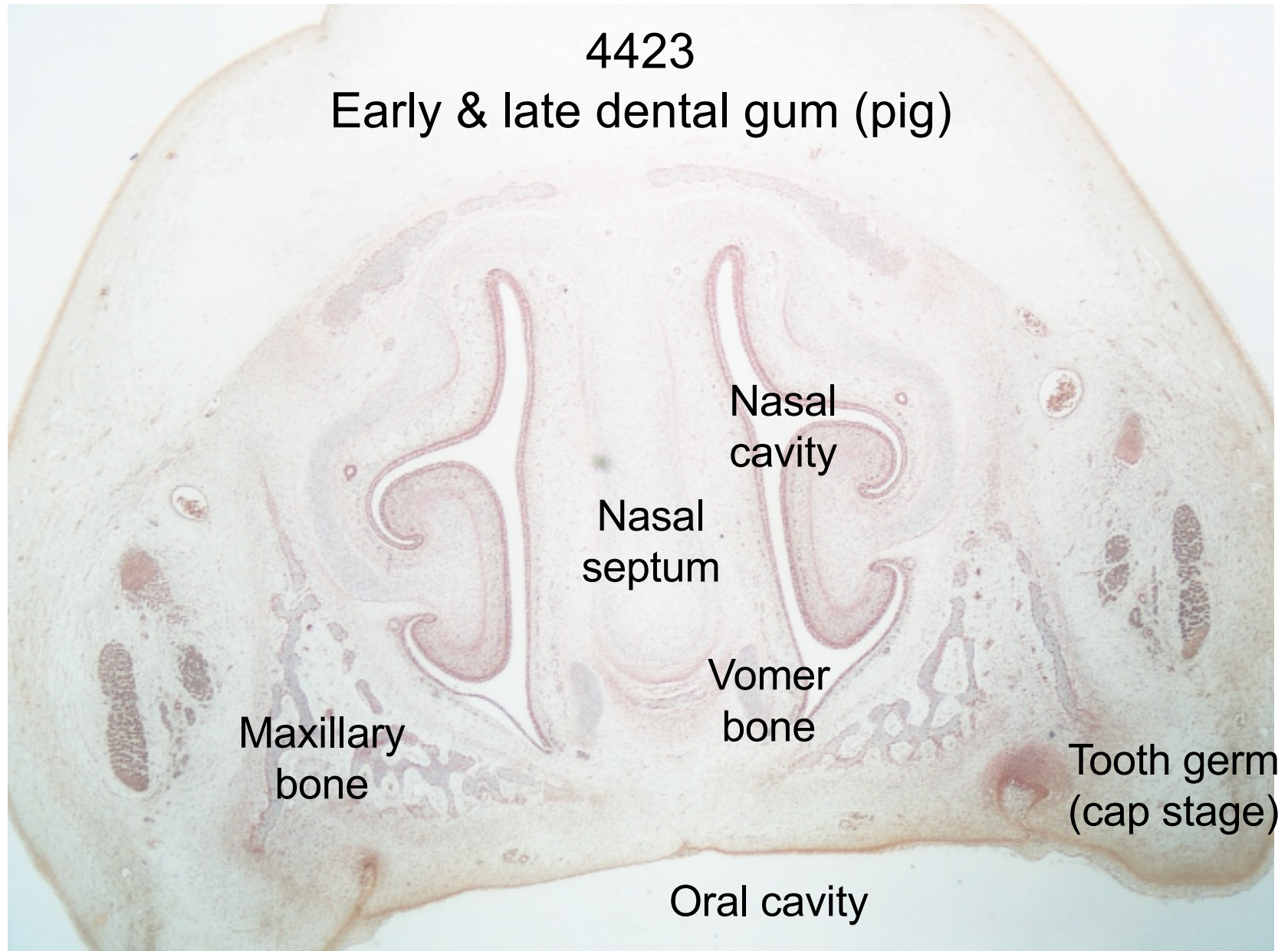


Key point

- Developing/
woven bone
- Osteoblast
- Osteocyte

4423

Early & late dental gum (pig)



Nasal cavity

Nasal septum

Vomer bone

Maxillary bone

Tooth germ (cap stage)

Oral cavity

Cap stage:

the enamel organ sits over the dental papilla like a **cap**

- (1) enamel organ, (2) dental papilla, (3) dental follicle/sac
- tooth germ (dental organ) = (1) + (2) + (3)

Maxillary
bone

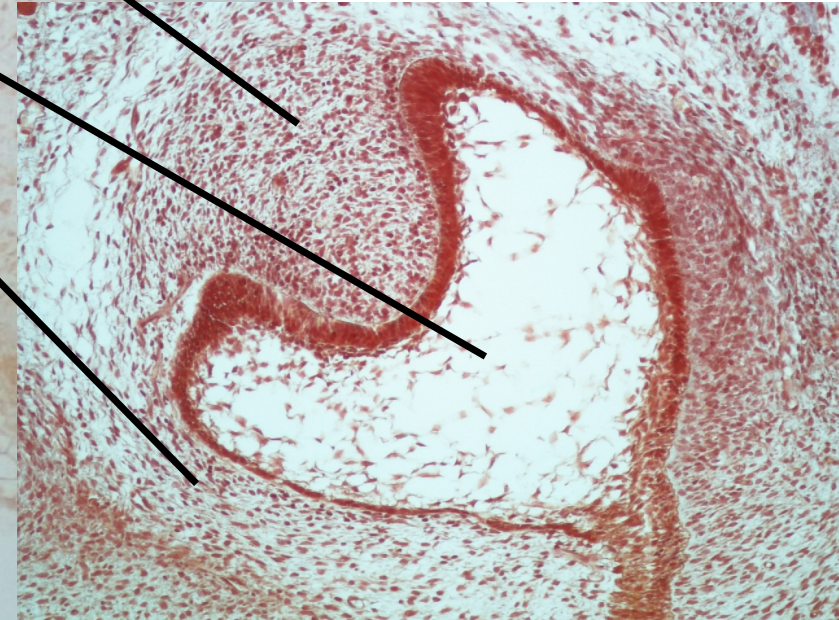
Primary epithelial band
Oral epithelium

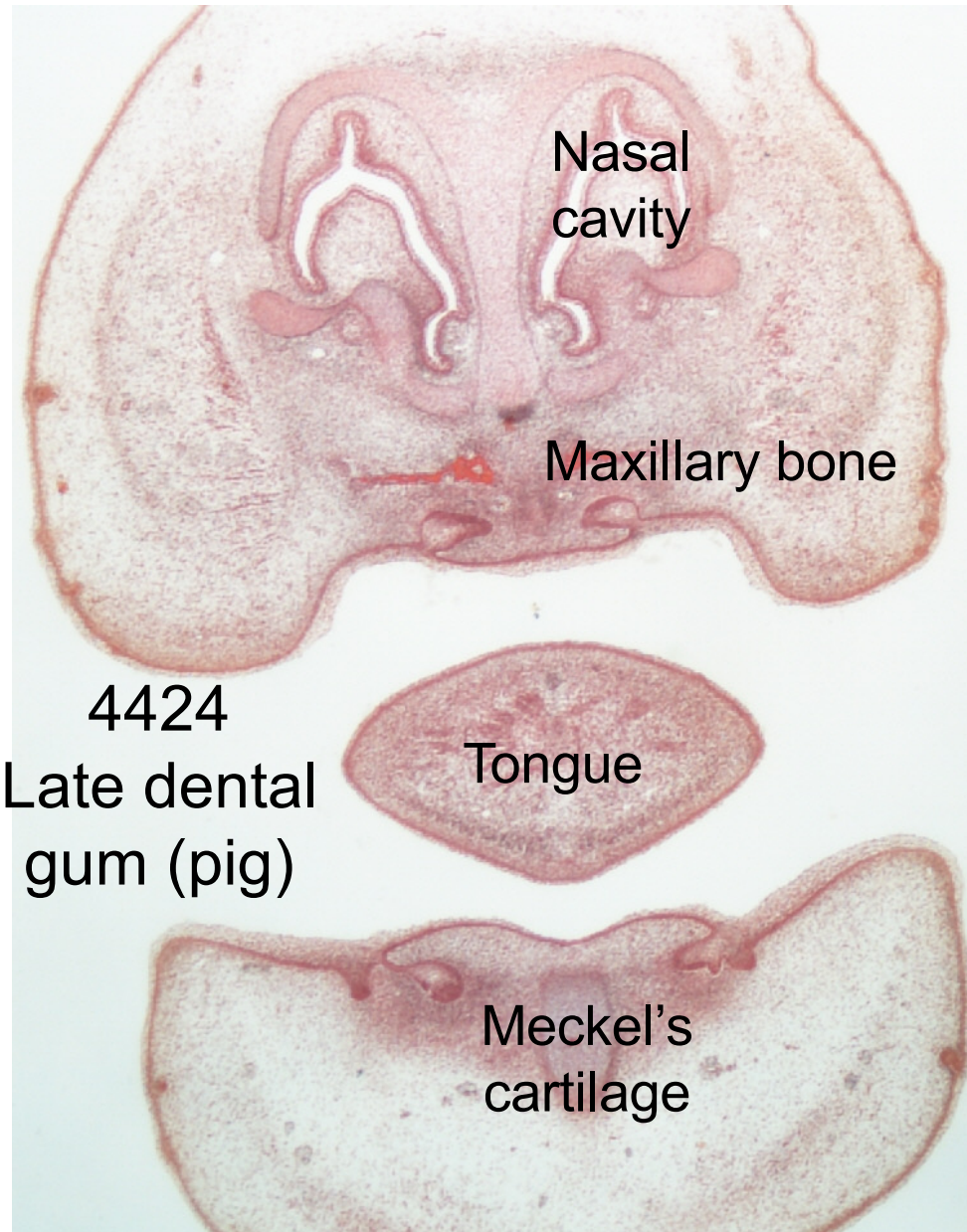
Oral cavity

(2)

(1)

(3)





Nasal
cavity

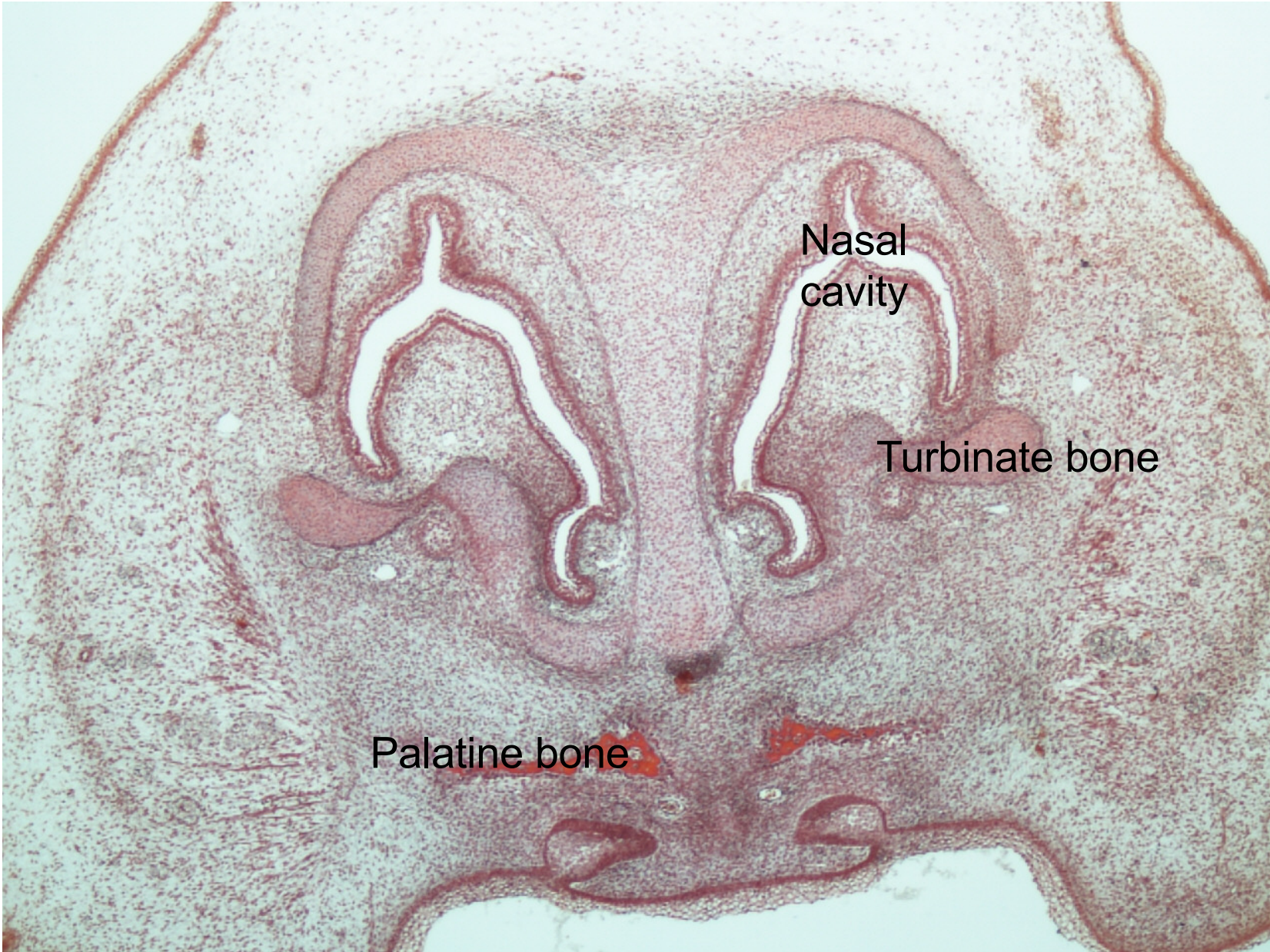
Maxillary bone

4424

Late dental
gum (pig)

Tongue

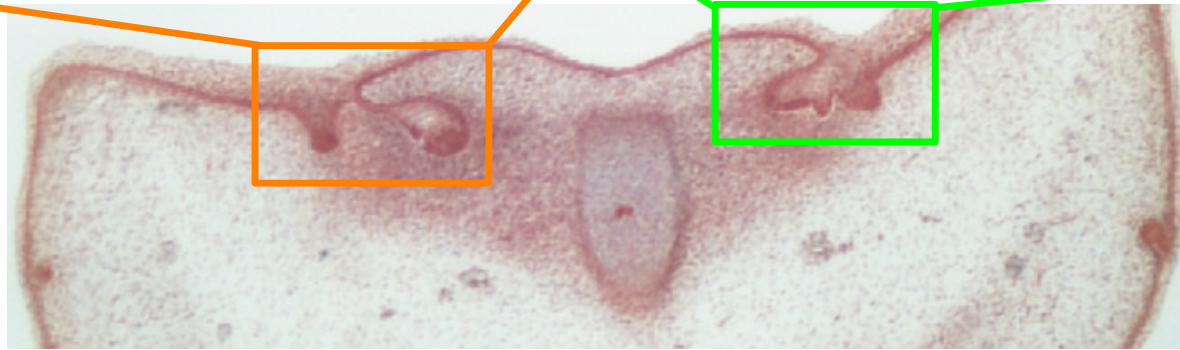
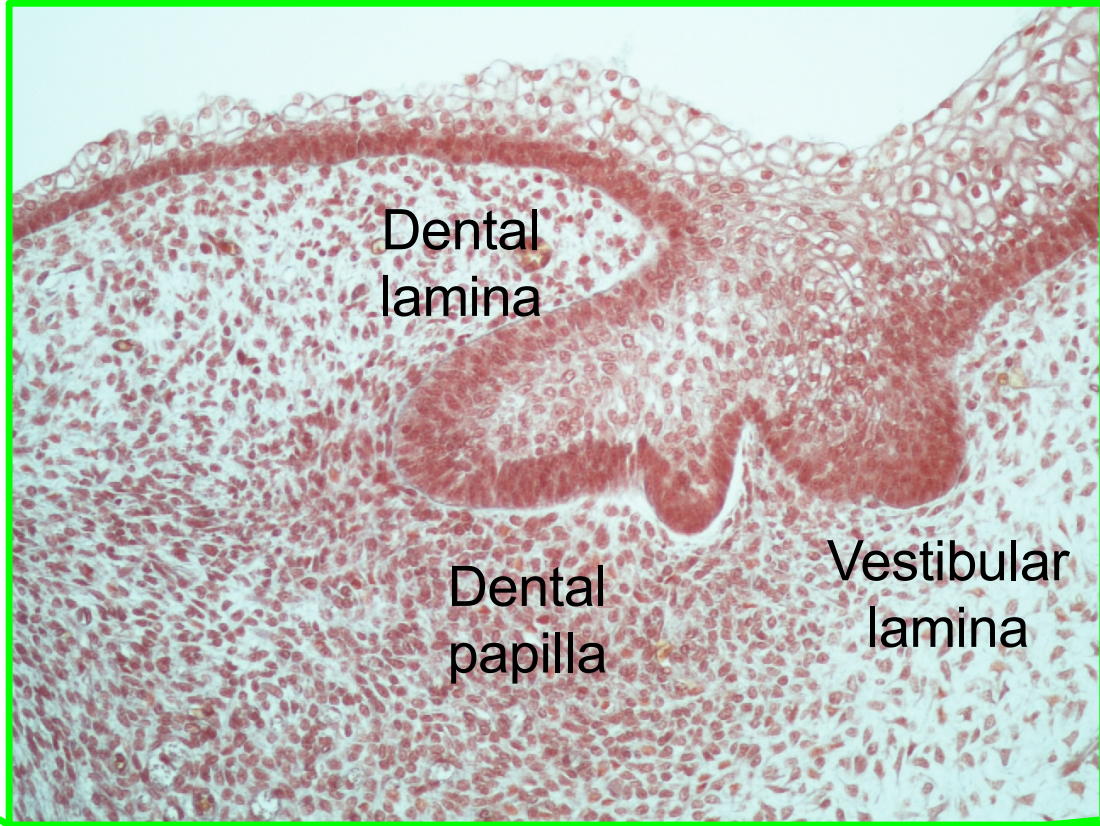
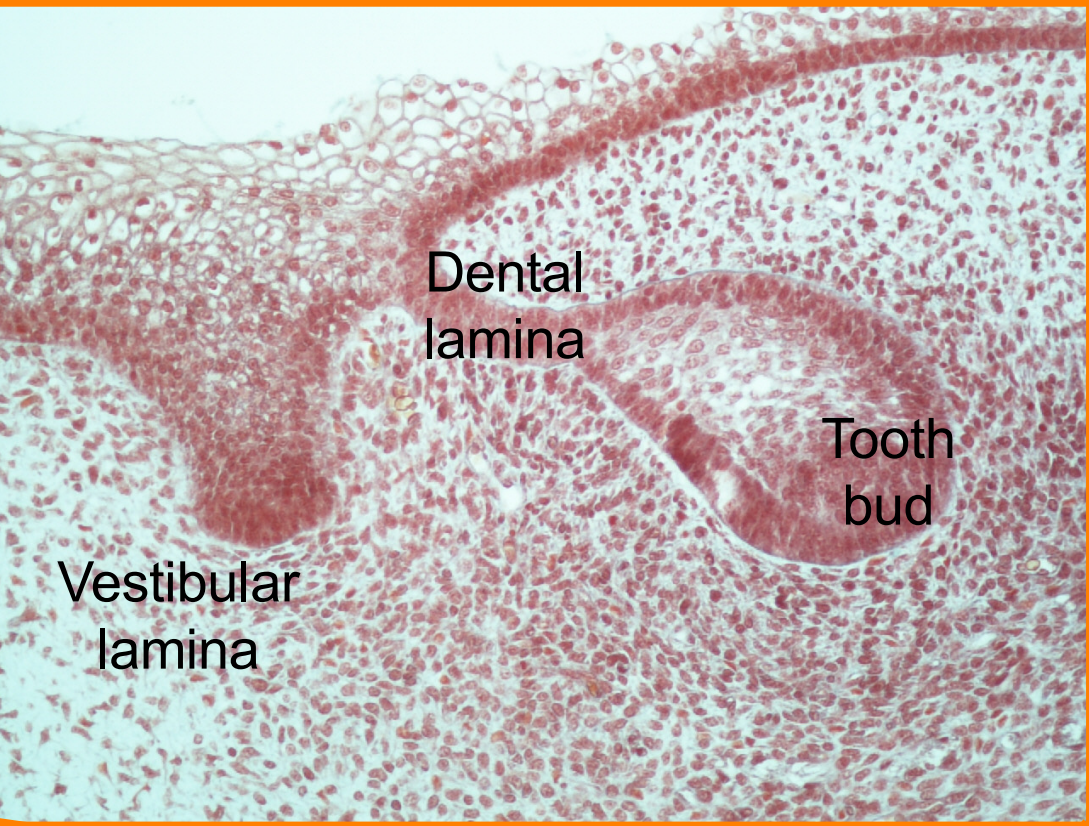
Meckel's
cartilage



Nasal cavity

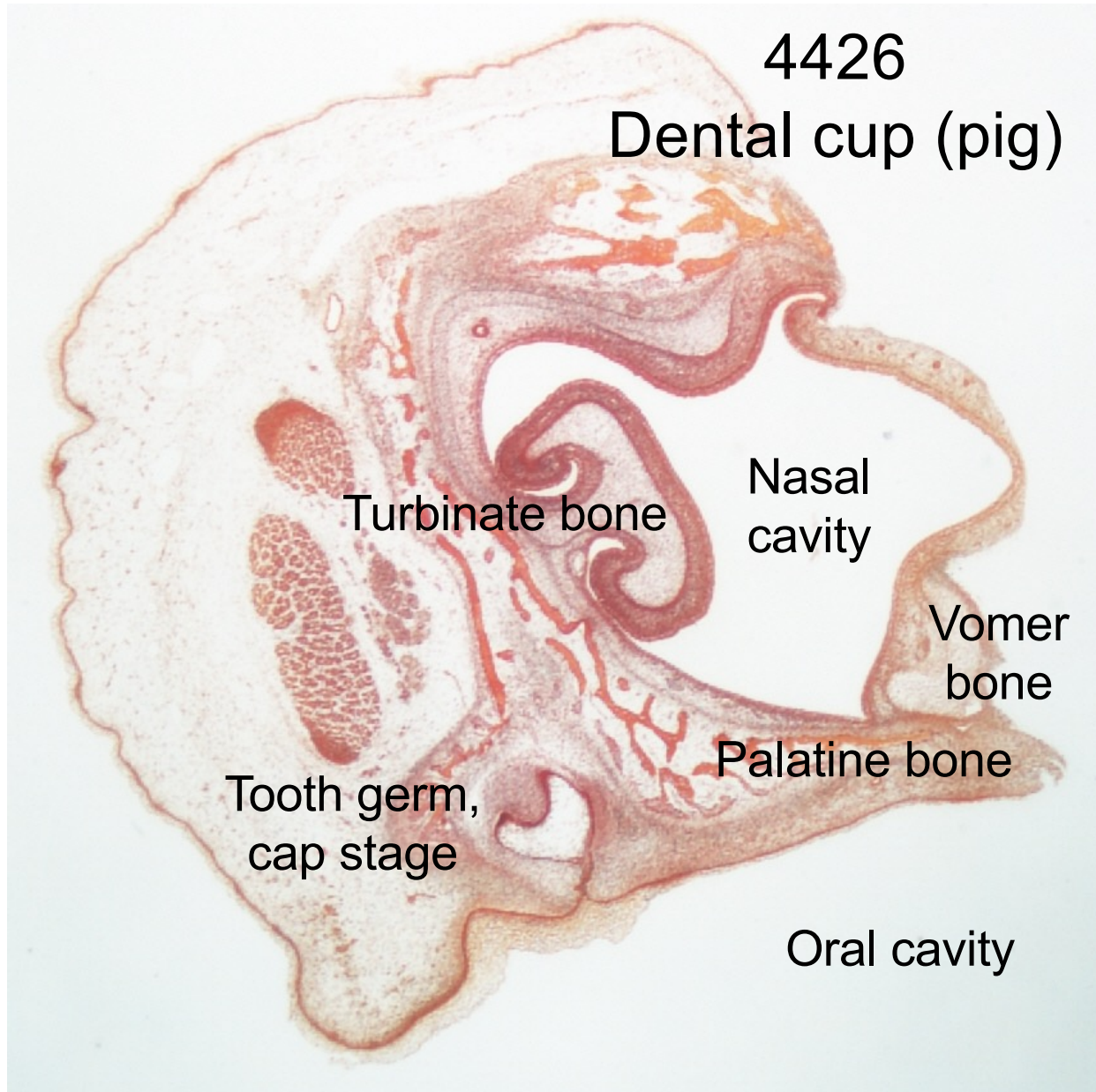
Turbinate bone

Palatine bone



4426

Dental cup (pig)



Turbinates

Nasal cavity

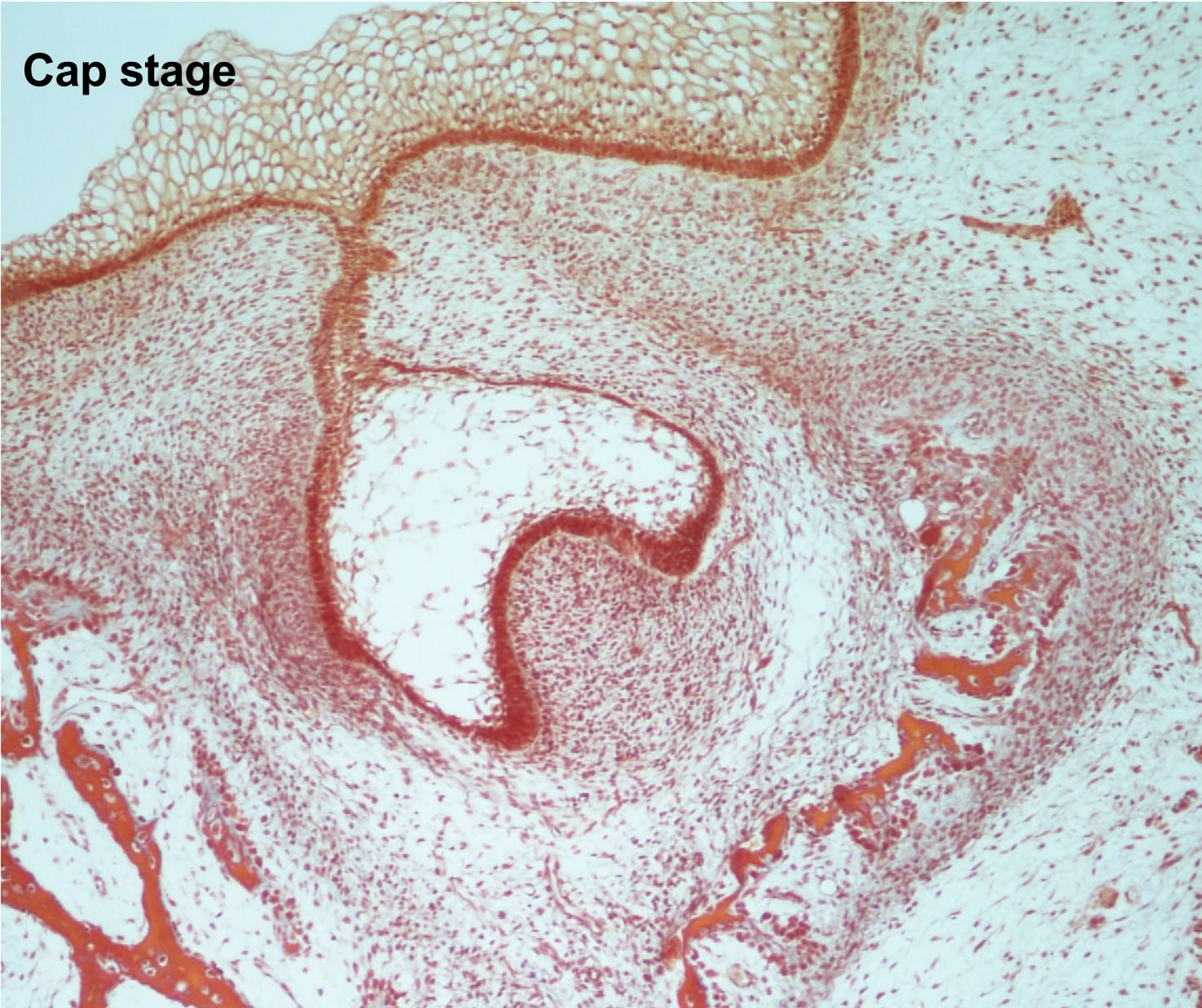
Vomer bone

Palatine bone

Tooth germ, cap stage

Oral cavity

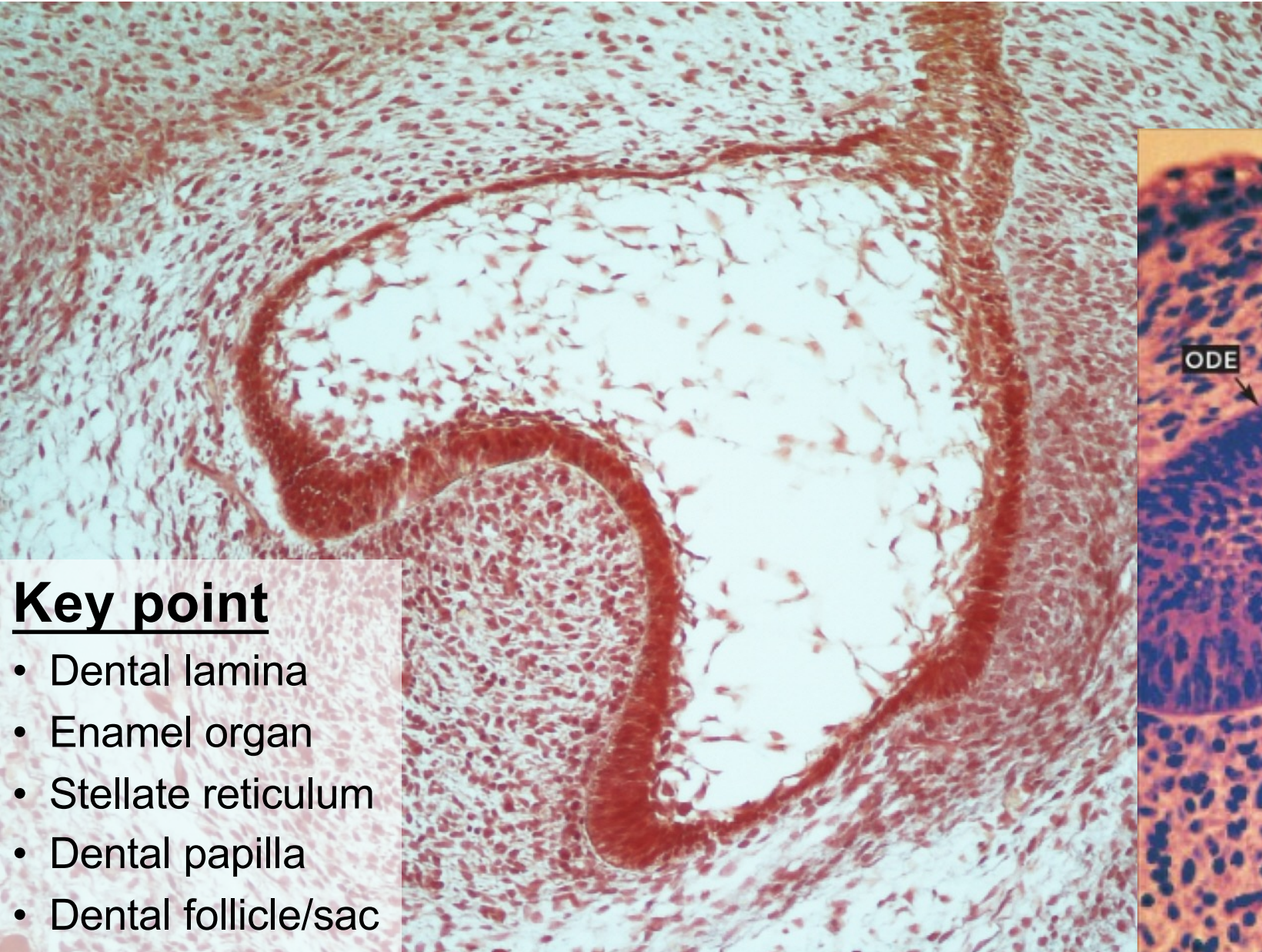
Cap stage



Key point

- Dental lamina
- Enamel organ
- Stellate reticulum
- Dental papilla
- Dental follicle/sac
- Developing bone
- Oral epithelium
- Primary epithelial band

Cap stage



Key point

- Dental lamina
- Enamel organ
- Stellate reticulum
- Dental papilla
- Dental follicle/sac

