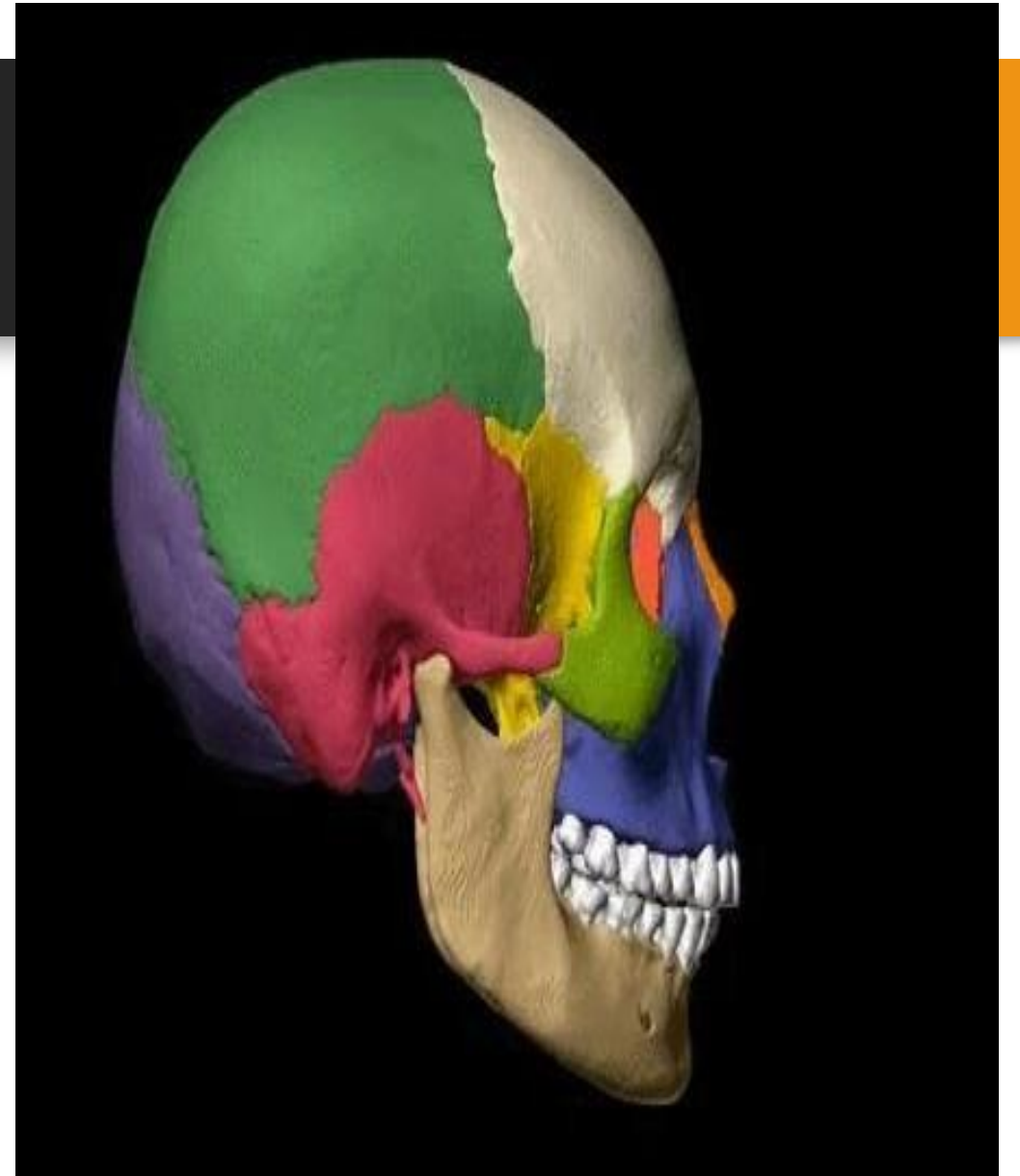


Anatomy of the skull

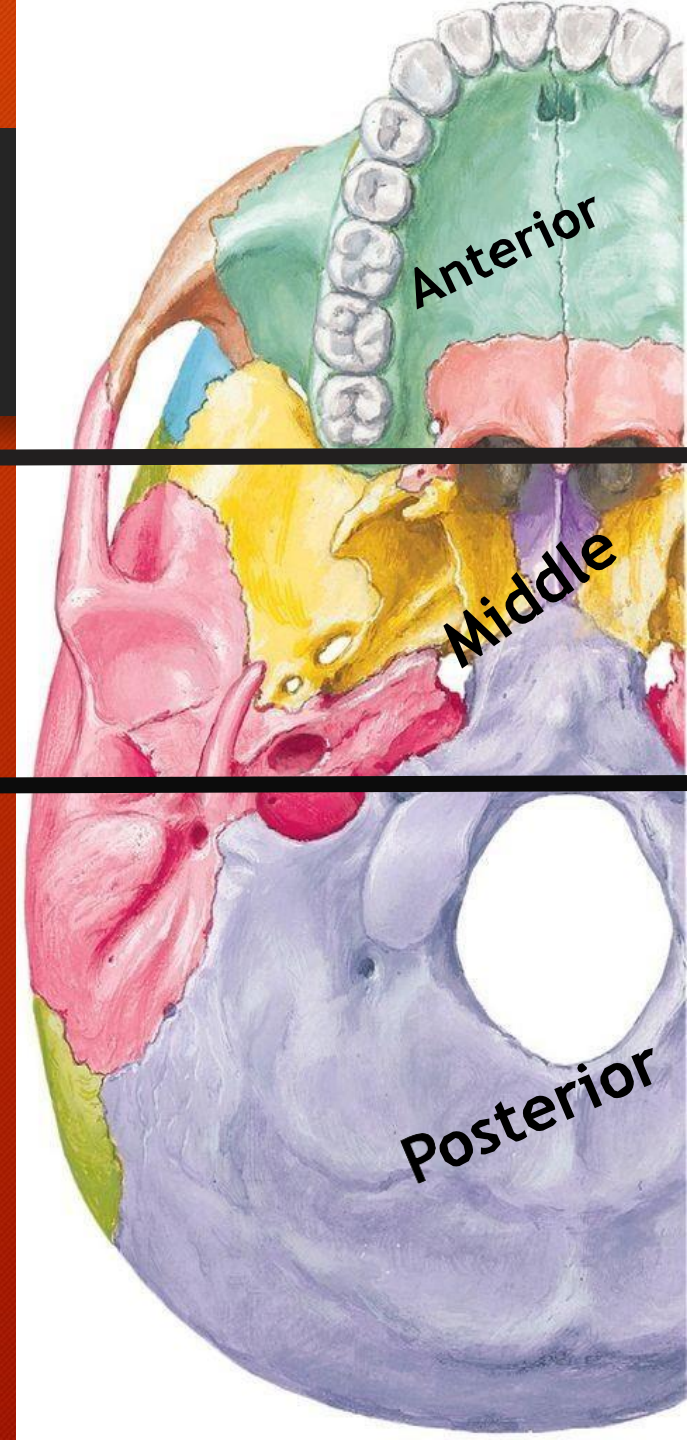
Wesam Hamed





Norma Basalis externa (skull base)

- The skull is seen from below.
- It is divided into three parts:
 - ❖ **Anterior part:** which is formed of the bony palate.
 - ❖ **Middle part:** The area between the bony palate and a transverse line passing through the anterior margin of foramen magnum.
 - ❖ **Posterior part:** Behind the anterior margin of the foramen magnum.

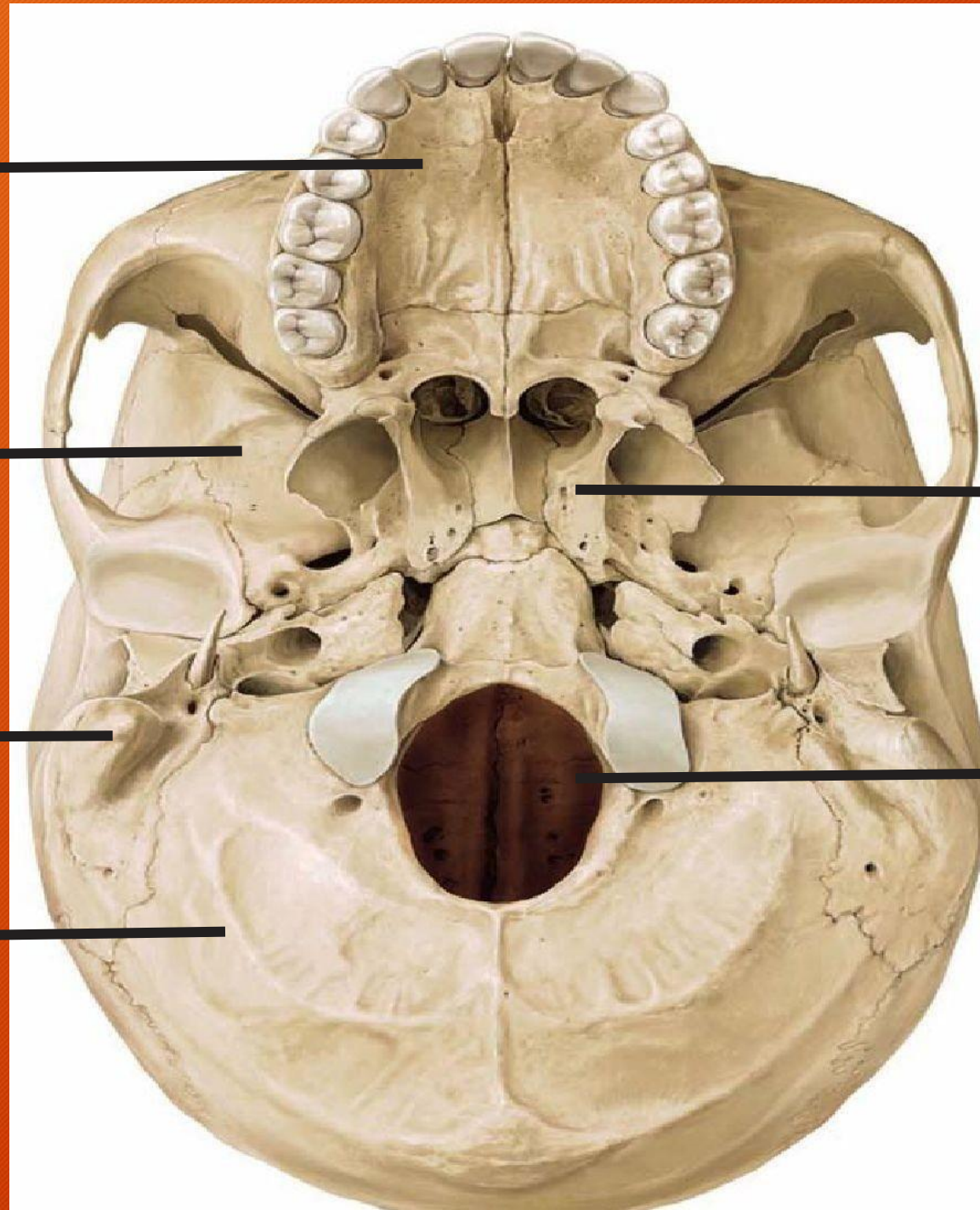


Hard palate

Greater wing
of sphenoid

Mastoid process

Occipital bone



pterygoid plate

Foramen magnum

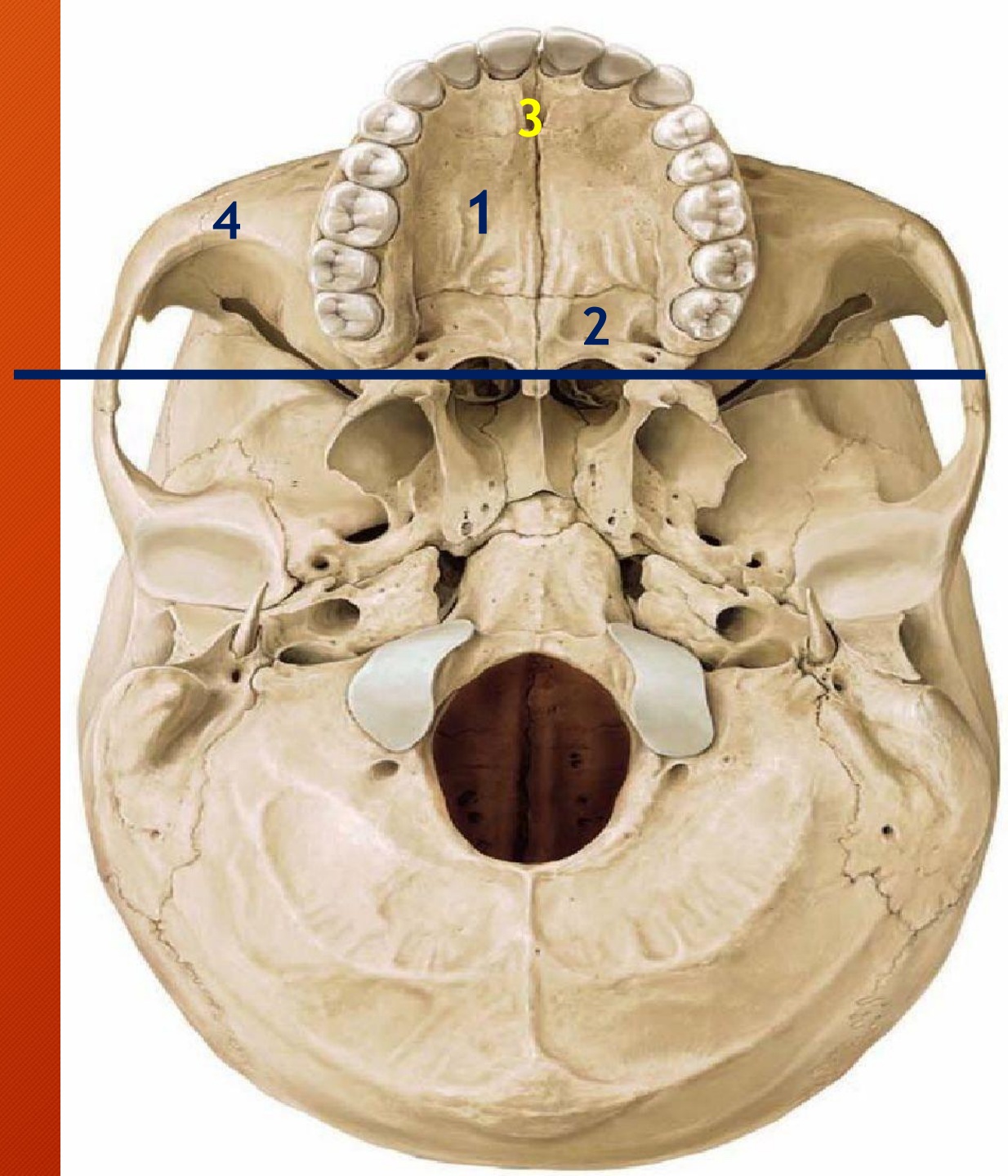
❖ The anterior part of norma basalis externa (hard palate)

1. Palatine process of maxilla

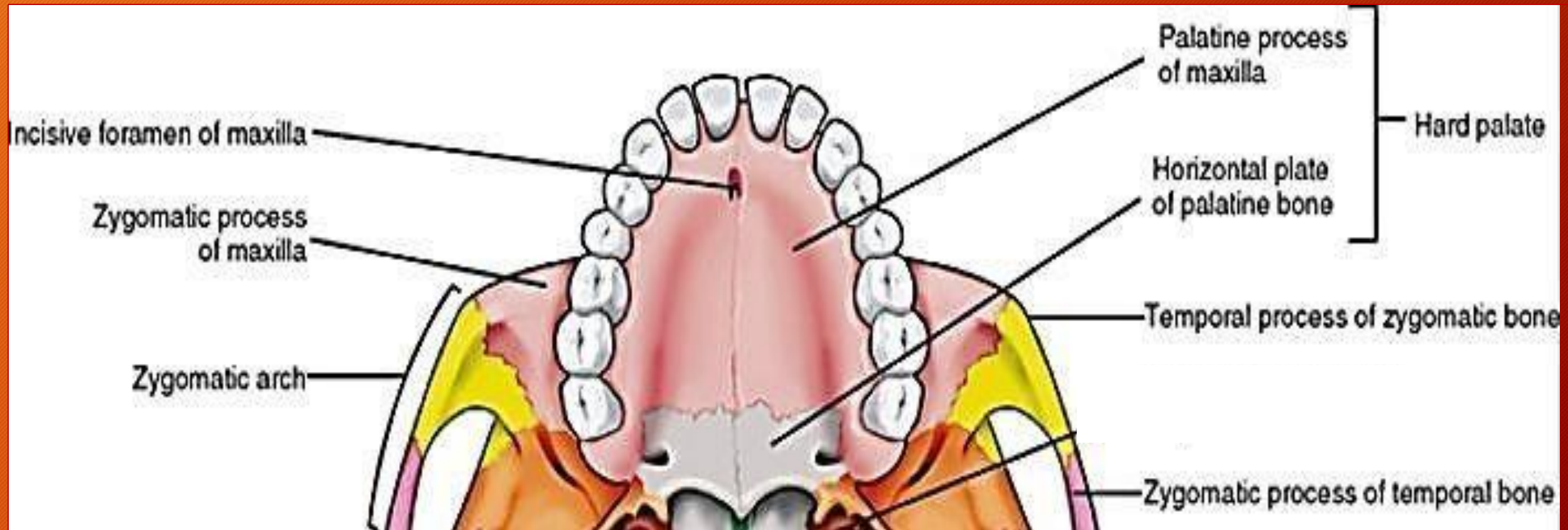
2. Palatine bone

3. Incisive foramen

4. Zygomatic bone



❖ The anterior part of norma basalis externa (hard palate)



❖ The middle part of the norma basalis externa:

1) Zygomatic arch

2) Greater wing of sphenoid

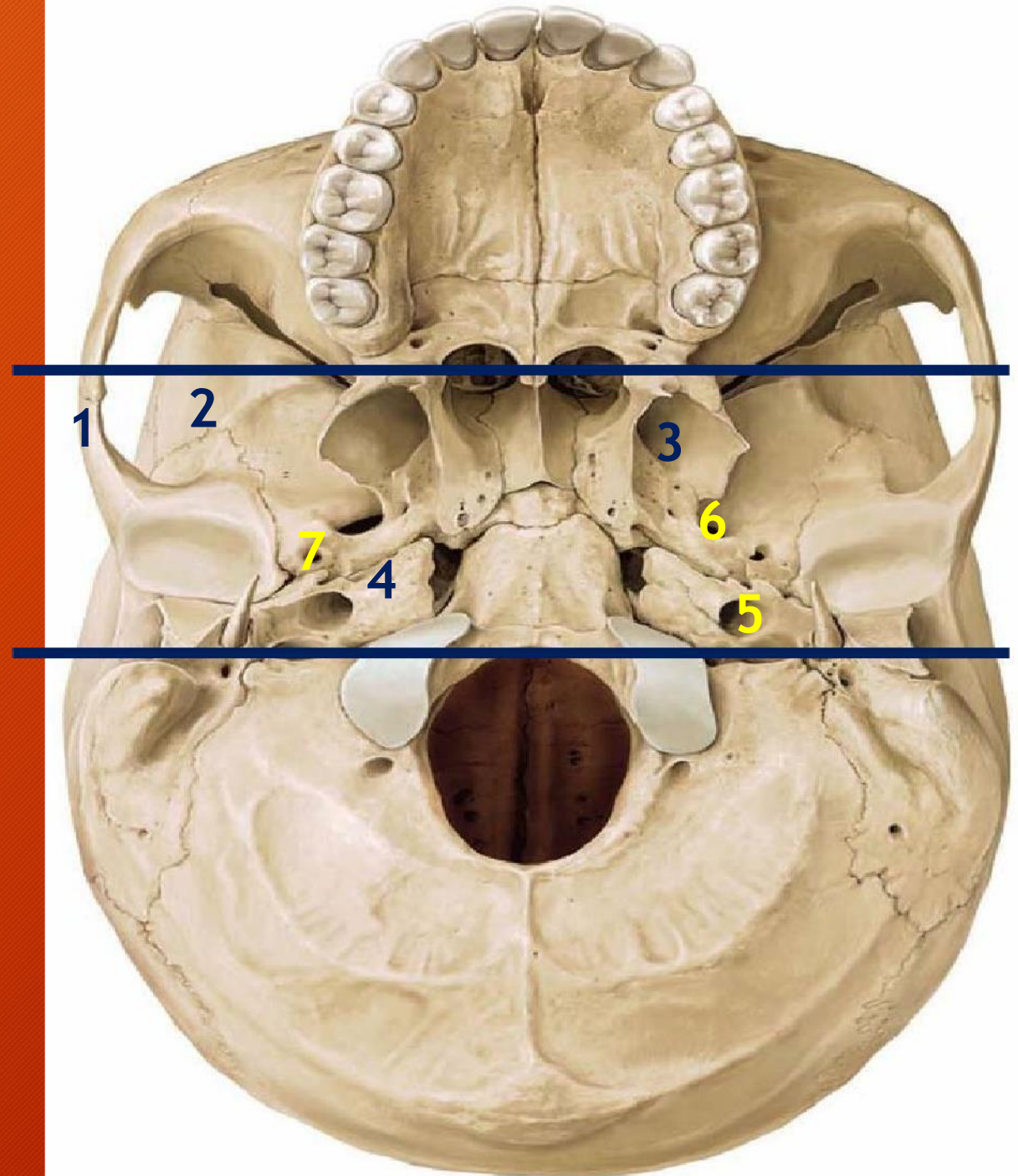
3) Pterygoid plates and fossa

4) Petrous bone

5) Carotid foramen

6) Foramen ovale

7) Foramen spinosum



❖ The middle part of the norma basalis externa:



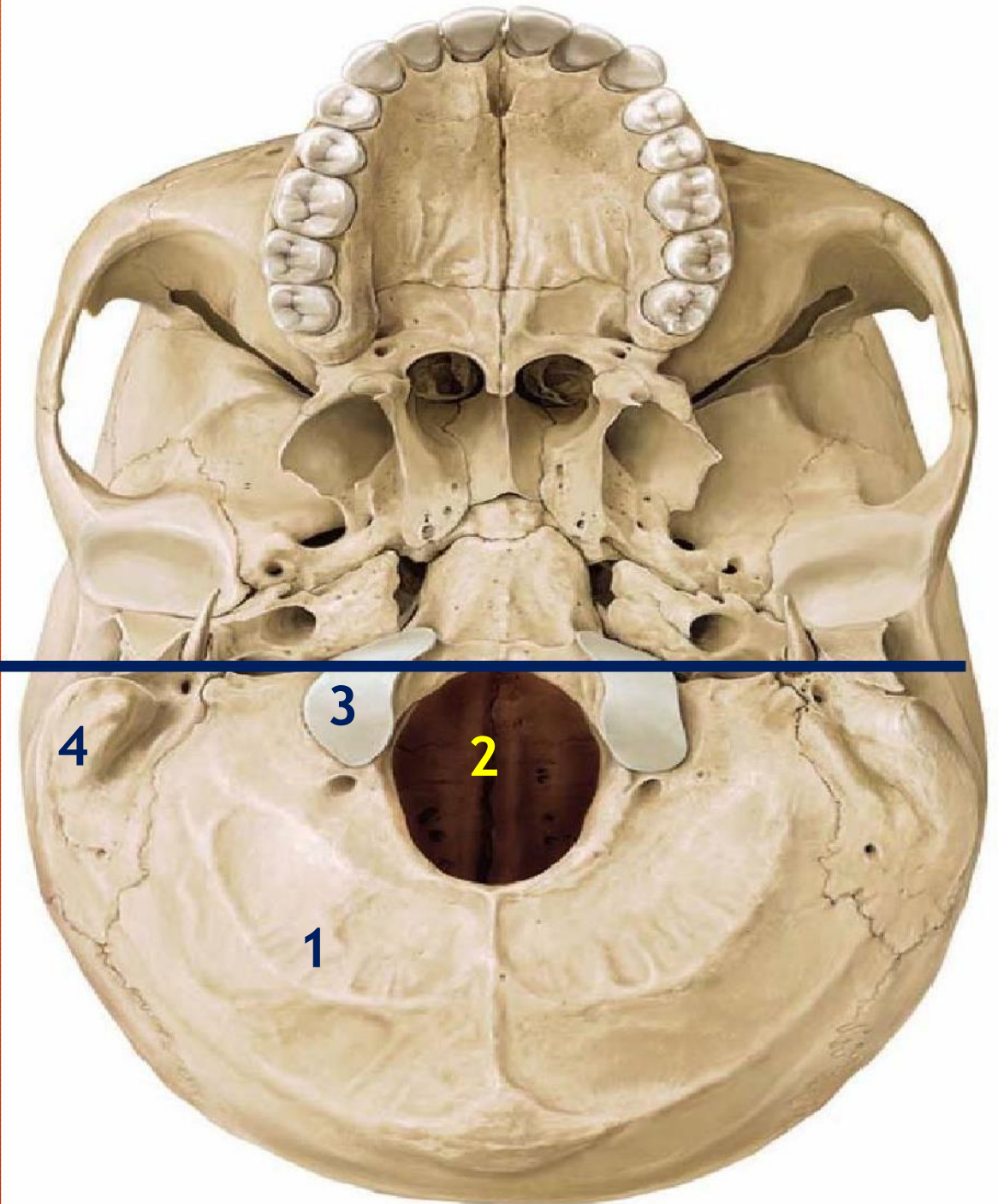
❖ The posterior part of norma basalis externa:

1. Occipital bone

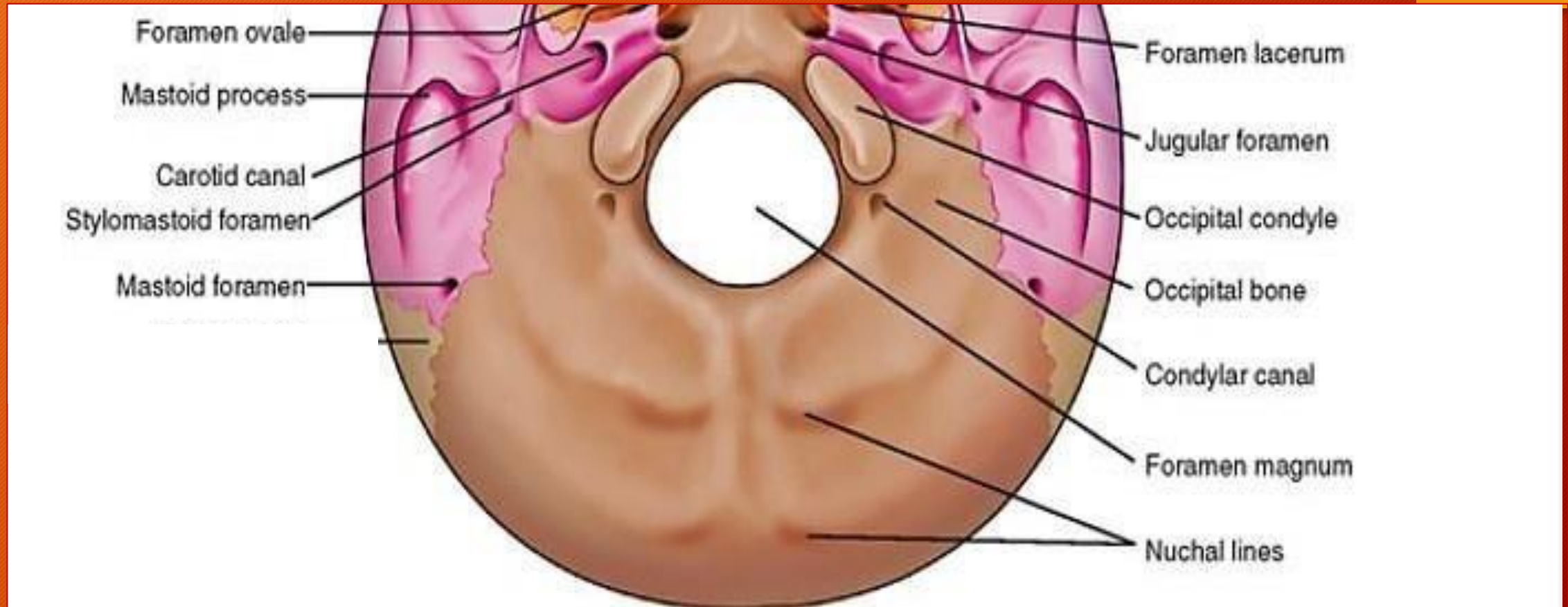
2. Foramen magnum

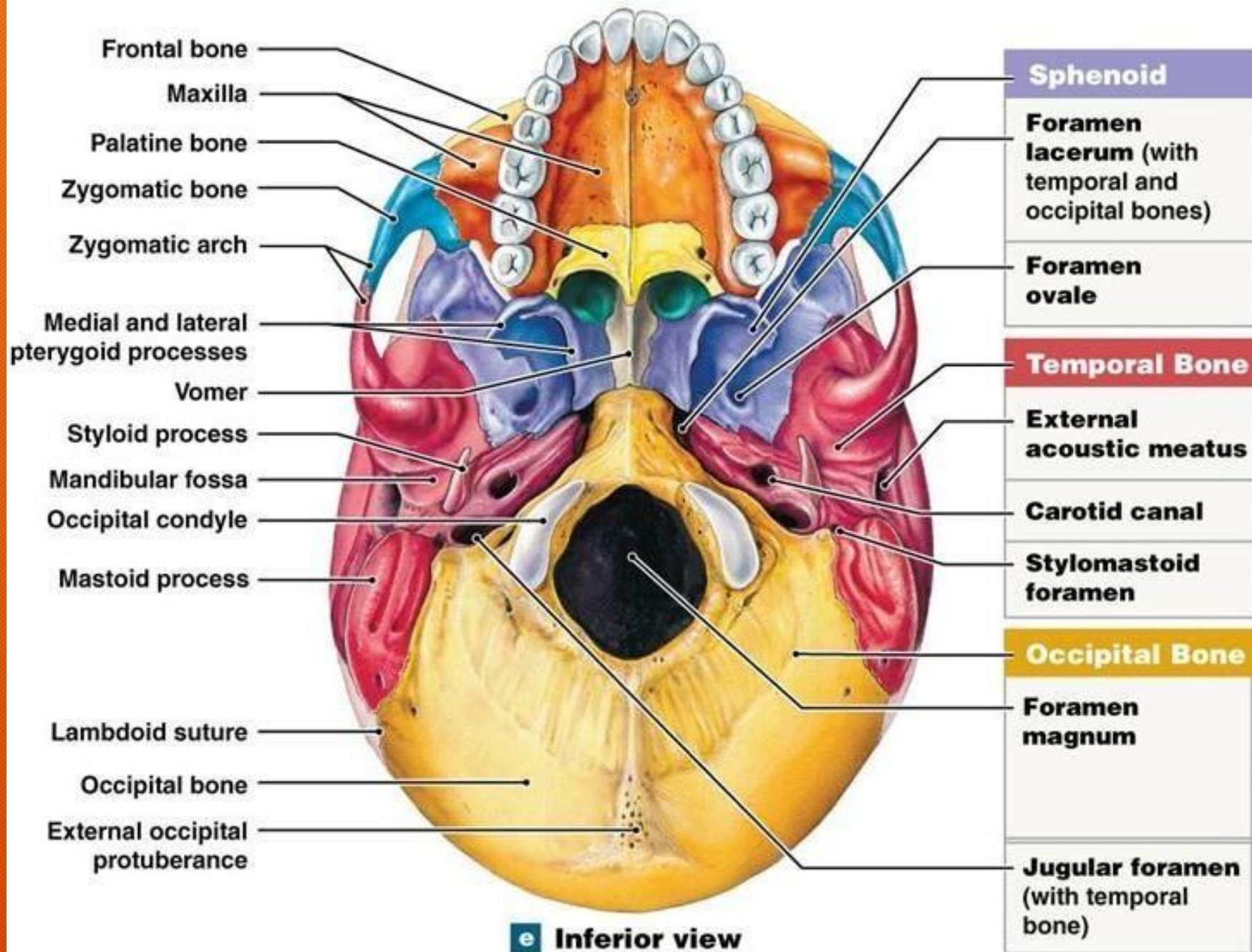
3. Occipital condyle

4. Mastoid process

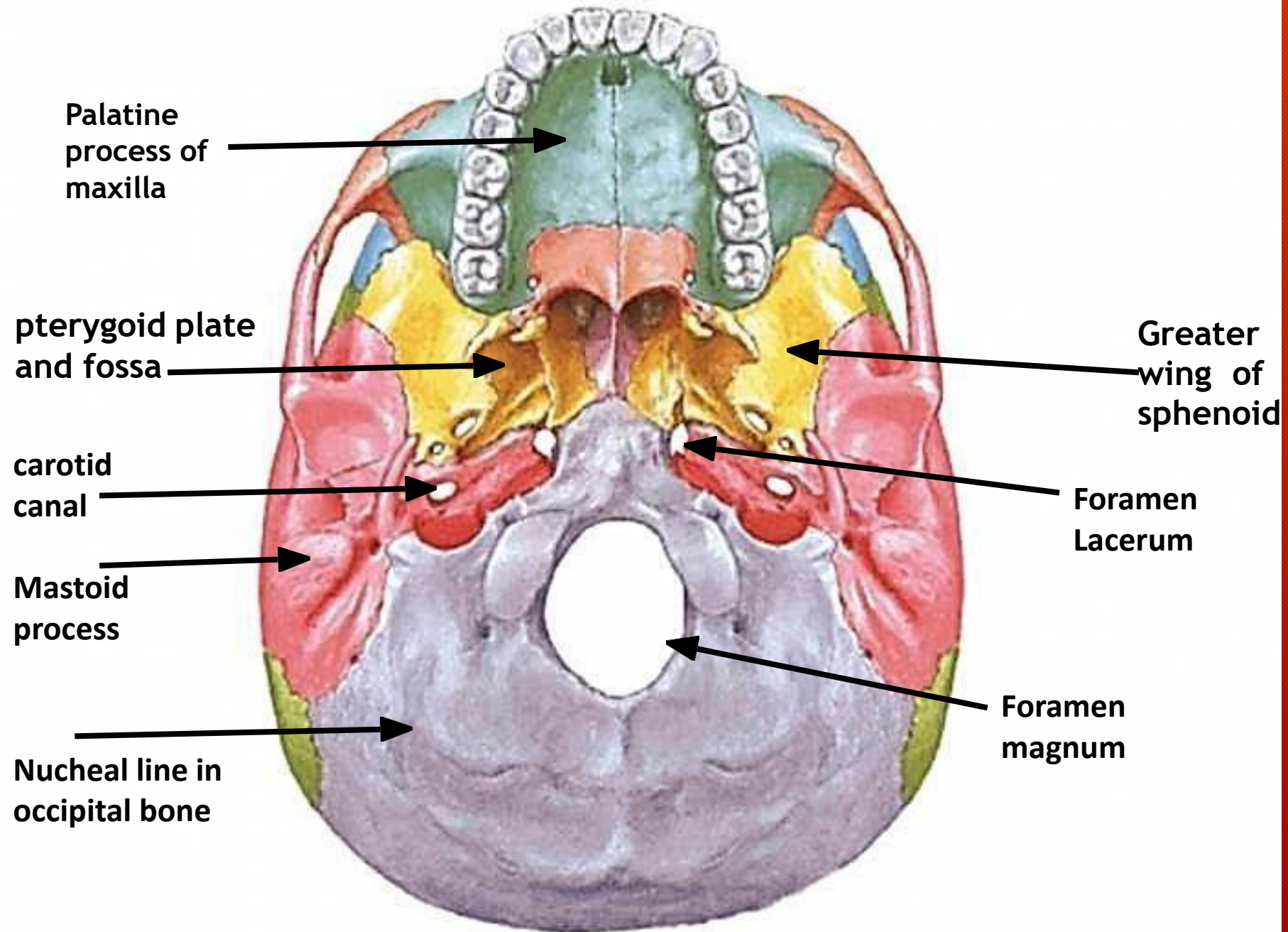


❖ The posterior part of norma basalis externa:





Quiz





THANK YOU