

# Splanchnocranium

1. Upper jaw (*maxilla*)
2. Nasal bone (*os nasale*)
3. Lacrimal bone (*os lacrimale*)
4. Facial bone (*os zygomaticum*)
5. Vomer
6. Palatine bone (*os palatinum*)
7. Inferior nasal concha (*concha nasalis inferior*)
8. Mandible (*mandibula*)
9. Hyoid bone (*os hyoideum*)

**Have a look in your atlases on all suturas and surroundings bones as well!**

## **Maxilla - Upper jaw**

Body of maxilla – *corpus maxillae*

Frontal process – *processus frontalis*

Zygomatic process – *processus zygomaticus*

Alveolar process – *processus alveolaris*

Palatinal process – *processus palatinus*

### **Body of maxilla – *corpus maxillae***

Facies anterior - Facies orbitalis - Facies nasalis - Facies infratemporalis

Anterior surface of the maxillar body – *facies anterior corporis maxillae*

infraorbital foramen – *foramen infraorbitale*

nasal notch – *incisura nasalis*

canine fossa – *fossa canina*

Orbital surface of the maxillar body – *facies orbitalis corporis maxillae*

infraorbital margin – *margo infraorbitalis*

infraorbital groove – *sulcus infraorbitalis*

infraorbital canal – *canalis infraorbitalis*

anterior alveolar canals for the teeth – *canales alveolares anteriores*

Nasal surface of the maxillar body – *facies nasalis corporis maxillae*

Entrance to the maxillar sinus – *hiatus sinus maxillaris*

Maxillar sinus – *sinus maxillaris (paranasal sinus)*

Lacrimal groove – *sulcus lacrimalis (canalis nasolacrimalis)*

Infratemporal surface of the maxillar body – *facies infratemporalis corporis maxillae*

Infrazygomatic crest – *crista infrazygomatica*

Maxillar tubercle – *tuber maxillae*

Posterior alveolar canals – *canales alveolares posteriores*

Pterygopalatinal groove – *sulcus pterygopalatinus (canalis palatinus major)*

Frontal process of the maxilla – *processus frontalis maxillae*

Nasal notch – *incisura nasalis (aperture piriformis – apertura piriformis)*

Lacrimal groove – *sulcus lacrimalis*

Anterior lacrimal crest – *crista lacrimalis anterior*  
Ethmoidal crest – *crista ethmoidalis*  
Conchal crest – *crista conchalis*

Alveolar process of the maxilla – *processus alveolaris maxillae*

Dental alveoli – *alveoli dentales*  
Juga alveolaria  
Interalveolar septa – *septa interalveolaria*  
Intraalveolar septa – *septa intraalveolaria*  
Incisive bone – *os incisivum (praemaxilla)*

Zygomatic process of the maxilla – *processus zygomaticus maxillae*

Infrazygomatic crest – *crista infrazygomatica*

Palatine process of the maxilla – *processus palatinus maxillae*

Nasal crest – *crista nasalis*  
Anterior nasal spina – *spina nasalis anterior*  
Incisive foramen – *foramen incisivum*

**Nasal bone – *os nasale***

Internasal suture – *sutura internasalis*  
Groove for ethmoidal nerve – *sulcus ethmoidalis*  
*Sutura nasofrontalis*  
*Sutura nasomaxillaris*

**Lacrimal bone – *os lacrimale***

*Facies orbitalis*  
*Facies interna*  
lacrimal groove – *sulcus lacrimalis*  
posterior lacrimal crest – *crista lacrimalis posterior*  
groove for lacrimal sac – *fossa sacci lacrimalis*  
nasolacrimal canal – *canalis nasolacrimalis*  
*hamulus lacrimalis*  
*Sutura frontolacrimalis*- cranially  
*Sutura lacrimomaxillaris*- inferiorly and anteriorly  
*Sutura lacrimoethmoidalis* – posteriorly

**Facial bone – *os zygomaticum***

Body – *corpus ossis zygomatici*  
Lateral surface – *facies lateralis*  
Zygomaticofacial foramen – *foramen zygomaticofaciale*  
Orbital surface – *facies orbitalis*  
Zygomaticoorbital foramen – *foramen zygomaticoorbitale*  
Temporal surface – *facies temporalis*  
Zygomaticotemporal foramen – *foramen zygomaticotemporale*  
Temporal process – *processus temporalis*  
Frontal process – *processus frontalis*  
Maxillar process – *processus maxillaris*

## **Vomer**

*Alae vomeris*

*Choanae*

## **Palatine bone – *os palatinum***

Dorsal part of palatum durum

Horizontal plate – *lamina horizontalis*

Posterior nasal spine – *spina nasalis posterior*

Pyramidal process – *processus pyramidalis*

Lesser palatine foramina – *foramina palatina minora*

Greater palatine foramen – *foramen palatinum majus*

Perpendicular plate – *lamina perpendicularis*

Ethmoidal crest – *crista ethmoidalis*

Conchal crest – *crista conchalis*

Sphenopalatine notch – *incisura sphenopalatina*

Sphenopalatine foramen – *foramen sphenopalatinum*

Orbital and sphenoidal processes – *processus orbitalis and sphenoidalis*

## **Inferior nasal concha – *concha nasalis inferior***

Maxillar process – *processus maxillaris*

Lacrimal process – *processus lacrimalis*

Ethmoidal process – *processus ethmoidalis*

## **Mandibula – lower jaw**

Body of mandible – *corpus mandibulae*

Mandibular angle – *angulus mandibulae*

Ramus of mandible – *ramus mandibularis*

Body of mandible – *corpus mandibulae*:

Mental protuberance – *protuberantia mentalis*

Mental foramen – *foramen mentale*

Alveolar process – *processus alveolaris*

(retromolar triangle – *trigonum retromolare*)

Alveolar juga – *juga alveolaria*

Digastric fossae – *fossae digastricae*

Mental spine – *spina mentalis*

Mylohyoid groove – *sulcus mylohyoideus*

Mylohyoid line – *linea mylohyoidea*

Submandibular fossa – *fossa submandibularis*

Sublingual fovea – *fovea sublingualis*

Ramus of mandible – *ramus mandibulae*:

Condylar process – *processus condylaris*

Head – *caput*, neck – *collum* + pterygoid fovea – *fovea pterygoidea*)

Oblique line – *linea obliqua*

Mandibular notch – *incisura mandibularis*

Coronoid process – *processus coronoideus*

Mandibular foramen – *foramen mandibulae* (mandibular canal – *canalis mandibulae*)

Mylohyoid groove – *sulcus mylohyoideus*

Masseteric tuberosity – *tuberositas masseterica*

Pterygoid tuberosity – *tuberositas pterygoidea*

**Hyoid bone – *os hyoideum***

Body – *corpus ossis hyoidei*

Greater horns – *cornua majora*

Lesser horns – *cornua minora*