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| <b>COURSE DEFINITION</b><br><b>Anatomy of the cranium</b> | <b>Year: 1</b><br><b>code : A1 - 02</b> |
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**Head of department :**  
**M. JL.Darques**  
**Teacher(s) :**  
F. Orsoni DO

**ECTS : 5**  
  
**Hours credit: 60**  
  
**Distribution**  
**number CM : 60**  
**number TP :**  
**number TD :**

**Type :**  
CM  
  
**Evaluation:**  
MCQ  
SEMESTER  
  
**Language : French**  
**Documentation: YES**

**Courses objectives :**

**Bibliography :**  
Traité d'anatomie humaine Testut, H. Rouviere; Atlas d'anatomie humaine: F. H. Netter (2004); Les feuillets d'anatomie humaine: Brizon et Castaing

**Content :**

1/ General

- Introduction
- External configuration
- Internal configuration

2/ Cranial development

- Embryological concept
- The child's fontanels

3/ Meninges and neuraxial vessels

- Dura mater: cerebellar tent, falciform cerebellum process, falx cerebri
- Pia mater
- Arachnoid mater
- Cerebrospinal fluid
- Venous sinuses, arterial system

4/ Cranial Bones

Analysis of each bone's building process (embryological report) and constitution including bone fascia and their relationship with arteries, veins, nerves and muscles and their relationship with neighbouring bones:

- The base: the sphenoid, the temporals, the occipital and the ethmoid
- The vault: the frontal, the parietals
- The face: the malars, the maxillae, the palatals, the vomer, the lacrimal bones, the nasal bones, the nasal conchae, the mandible. Theoretical knowledge of the anatomy of the cranium as a whole and for each bone