

### **Checklist- Lab 3**

### **Muscles of the Face, Dural folds and sinuses, Vertebrae and Diaphragm**

#### **Face**

Orbicularis oculi

Orbicularis oris

Buccinator

Sternocleidomastoid

Parotid gland and its duct

Facial artery

Facial nerve (identify the five terminal branches)

Great auricular nerve

Lesser occipital nerve

Greater occipital nerve

Common carotid artery

Internal carotid artery

External carotid artery (Maxillary and Superficial temporal arteries)

Internal jugular vein

#### **Dural folds and venous sinuses**

Falx cerebri

Falx cerebelli

Tentorium cerebelli

Diaphragma sellae

## **Dural Venous sinuses**

*Identify the location of each sinus on the base of the skull*

Superior sagittal sinus (also locate on the inner surface of skull vault)

Inferior sagittal sinus

Straight sinus

Transverse sinus

Cavernous sinus (contents and communications)

Superior petrosal sinus

Inferior petrosal sinus

Sigmoid sinus

## **Diaphragm**

Origin of diaphragm (sternal, vertebral and costal)

Central tendon of diaphragm

Major openings of diaphragm (Aortic, caval and esophageal)

Phrenic nerve

Vagus nerve

## Vertebrae

Parts of vertebra (body, vertebral foramen, spinous process, transverse processes, inferior and superior articular processes, pedicle, lamina)

Atlas (C1)

No body

No spinous process

Ant. & post. arches

2 lateral masses

2 transverse foramina

Axis (C2): odontoid process

Cervical vertebra

Thoracic vertebra

Lumbar vertebra

Sacrum

	Cervical	Thoracic	Lumbar
<b>Size</b>	Small	Larger	Largest
<b>Foramina</b>	One vertebral, two transverse	One vertebral	One vertebral
<b>Spinous process</b>	Slender, bifid (C2-C6)	Long, projects inferiorly	Short, blunt Project posteriorly
<b>Articular facets for ribs</b>	Absent	Present	Absent
<b>Size of intervertebral disc</b>	Thick relative to size of vertebral body	Thin relative to size of vertebral body	Massive

**Note: vertebral artery** passes through foramen transversum (transverse foramen) from C6 but **vertebral vein** passes through foramen transversum from C7