



Head and Neck (Part – 1)

HEAD

Dissections of head and neck are more difficult to perform and comprehend due to the complex interrelationships between various structures. The section begins with a brief outline of the surface landmarks and dermatomes. This is followed by the skeletal topography of the skull and cervical vertebra. The skull as a whole is presented in different views - frontal, occipital, lateral superior and basal. In addition, there is a chapter on the bony interior of the cranial cavity. Dissections include face and scalp, orbit, infratemporal fossa, salivary glands, nasal cavity and paranasal sinuses, pharynx and oral cavity.

The topics include:

1. Head and Neck - Surface landmarks and dermatomes (00:10:36)

- Introduction
- Surface landmarks and dermatomes
 - Black eye
 - Danger area of the face
 - Dentition
 - Facial artery
 - Facial nerve palsy
 - Nerve Blocks
 - Salivary gland swellings
 - Scalp wounds

2. Skull - Front view (00:12:20)

- Introduction
- Skull - Front view
 - Age changes in the mandible and maxilla
 - Black eye
 - Dental fractures
 - Dislocation of the mandible
 - Inferior alveolar nerve block
 - Maxillary fractures
 - Nasal fractures

3. Skull - Lateral view (00:08:48)

- Introduction
- Skull - Lateral view
 - Dental anaesthesia
 - Fontanelles
 - Fracture of the mandible and injuries to the temporomandibular joint
 - Fractures of the maxilla
 - Injuries to the pterion and the calvaria



4. Skull - Superior and posterior view (00:05:11)

- Introduction
- Skull - Superior and posterior view
 - Anthropometric points
 - Fractures of the neurocranium

5. Floor of the cranial fossa (00:08:36)

- Introduction
- Floor of cranial fossa
 - CSF rhinorrhea
 - Skull base fractures

6. Base of skull (00:10:42)

- Introduction
- Base of skull
 - Cleft palate
 - Facial nerve palsy
 - Fractures of the base of skull
 - Posterior dislocation of the head of the mandible

7. Mandible and hyoid bone (00:09:44)

- Introduction
- Mandible and hyoid bone
 - Dislocation of the mandible
 - Fracture of the hyoid bone
 - Fracture of the mandible
 - Inferior alveolar nerve block

8. Face and scalp-muscles, vessels and nerves (00:19:35)

- Introduction
- Face and scalp - muscles
- Face and scalp - nerves
- Face and scalp – vessels
- Bell's palsy
 - Communications with intracranial venous channels - spread of infections
 - Laceration of the face
 - Trigeminal neuralgia

9. Parotid gland, infratemporal fossa and submandibular gland (00:11:15)

- Introduction
- Infratemporal fossa
- Parotid gland
- Infections of the parotid gland
 - Inferior alveolar nerve block for dental procedures
 - Ludwig's angina
 - Swellings of the parotid gland