



Royal Medical Services

Professional Training Division

**General requirements for First year Residents
For all specialties of dentistry**

1. Growth, development and histology of head and neck.
 - a. Branchial arches.
 - b. Development of tongue.
 - c. Tooth germs.
 - d. Eruption.
 - e. Tooth structures.

2. Anatomy of head and neck.

General anatomy.

 - a. Neck triangles.
 - b. Neck spaces.
 - c. Salivary glands.
 - d. Muscles of facial expression.
 - e. Muscles of mastication.
 - f. Cranial nerves, trigeminal, facial, glosso pharyngeal, hypoglossal nerves.
 - g. Blood supply of the head and neck.
 - h. Lymphatic drainage of oral infection.

Oral and dental anatomy.

 - a. Lips and cheeks.
 - b. Teeth.
 - c. Floor of the mouth.
 - d. Soft and hard palate.
 - e. TMJ.
 - f. Tongue.

3. Physiology.
 - a. Saliva.
 - b. Mastication and swallowing.
 - c. Jaw reflexes.
 - d. Taste oral sensation and receptors.
 - e. Blood.

4. General pathology.
 - a. Cell injury.
 - b. Inflammation and infection.
 - c. Wound healing.
 - d. Thrombo-embolism.
 - e. Shock.
 - f. Neoplasia.

5. Pharmacology.
 - a. Antibiotics.
 - b. Analgesics.
 - c. Antifungal.
 - d. Antiviral.
 - e. Local anesthesia.