

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (OTORHINOLARYNGOLOGY) EXAMINATION – AUGUST 2020

Date :- 17th August 2020

Time:- 9.00 a.m. – 12.00 noon

PAPER I
(Otology, Audiology & Rhinology)

All four (04) questions to be answered.

1. Discuss the clinical features, assessment and management of:
 - 1.1. A 25 year old female patient with features of atrophic rhinitis.
 - 1.2. Unilateral nasal mass.

2. A 40 year old patient with persistent right ear muco-purulent discharge and a tympanic membrane perforation is referred to you by a general practitioner.
 - 2.1. Discuss the assessment and plan of management.
 - 2.2. Discuss the methods that you could take to minimize a cavity related issues in an open cavity mastoid surgery.

3. Discuss the assessment, possible clinical features and management of a 35 year old male patient brought to Accident & Emergency following a road traffic accident with
 - 3.1. Naso-orbito-ethmoidal fracture
 - 3.2. Transverse fracture involving right petrous temporal bone

4. Write notes on:
 - 4.1. Noise induced hearing loss
 - 4.2. Newborn hearing screening
 - 4.3. Nasal septal perforation

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Time:- 1.00 p.m. – 4.00 p.m.

PAPER II
(Laryngology and Head & Neck Surgery)

All four (04) questions to be answered.

Illustrations must be labelled.

1. A 42 year old married male teacher who is on regular follow up for left vocal cord carcinoma after radiotherapy (T1NoMx) over the last two years, complained of recent change in his voice, found to have a recurrence of moderately differentiated squamous cell carcinoma of left vocal cord on direct laryngoscopy and biopsy.
 - 1.1. Outline the investigations in line with surgical management.
 - 1.2. Discuss the options of surgical management which could be offered to him.
2. Assessment and management of an adult patient with laryngotracheal stenosis.
3. A 54 year old lady referred to you with right thyroid nodule and ultrasound scan of neck showed 2.2 cm hypoechoic nodule and a few lymph nodes on level II on either side, right of which with loss of fatty hilum. FNAC of the nodule appearance is suspicious of a medullary thyroid carcinoma -Thy4 (Bethesda V).
 - 3.1. Discuss how would you explain to her and family of the disease and the treatment options.
 - 3.2. Describe the management of this lady in detail.
4. Write notes on:
 - 4.1. Perinatal airway management.
 - 4.2. Laryngeal framework surgery.
 - 4.3. Minor salivary gland tumours.

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PAPER III (General Surgery)

All six (06) questions to be answered.

1. Discuss the principles in decision making process in managing a 70 year old patient diagnosed with a cancer in the head and neck region.
2. Discuss the role of radio-isotopes in managing thyroid problems.
3. Discuss the principles of planning of surgical incisions in the head and neck region.
4.
 - 4.1. Define shock
 - 4.2. How would you classify haemorrhagic shock?
 - 4.3. Briefly outline the management of a poly-trauma victim in haemorrhagic shock.
5. A patient with HIV infection has been referred to your clinic with papillary carcinoma of the thyroid.

Briefly outline important steps in the pre-operative, intra-operative and post-operative care of this patient.

6. Write notes on:
 - 6.1. Informed consent.
 - 6.2. Hyperparathyroidism.
 - 6.3. Care of the terminally ill patient