

Master copy

**POSTGRADUATE INSTITUTE OF MEDICINE**  
**UNIVERSITY OF COLOMBO**

**MD (OTORHINOLARYNGOLOGY) EXAMINATION – NOVEMBER 2022**

**Date:- 21<sup>st</sup> November 2022**

**Time:- 9.00 a.m. – 12.00 noon**

**PAPER I**  
**(Otology, Audiology & Rhinology)**

**All four (04) questions to be answered.**

1. A 52-year-old heavily built truck driver is presented with heavy snoring and excessive day time sleepiness.
  - 1.1. How would you clinically assess this person with regard to his complaint?
  - 1.2. What further Investigations would you do to assess his condition?
  - 1.3. Outline the management options for his condition.
  
2. A 60-year-old male presents with right sided ear pain of 2 weeks duration.
  - 2.1. Discuss the differential diagnoses.
  - 2.2. He has ear discharge and granulation mass filling the ear canal which did not respond to topical treatment.  
Outline the investigations and management.
  
3. A 35-year-old factory worker presented with a history of nasal dryness, crusting and intermittent mild epistaxis. Anterior rhinoscopy showed 1 cm diameter perforation in the anterior caudal septum with surrounding erythema and crusting.
  - 3.1. What are the possible causes for nasal septal perforation?
  - 3.2. How would you evaluate this patient?
  - 3.3. Describe the management options for his condition.
  
4. Write notes on:
  - 4.1. Audiometric testing in Tinnitus.
  - 4.2. Prevention of noise induced hearing impairment.
  - 4.3. Factors considered in hearing aid selection for adults.

Master  
Copy

**POSTGRADUATE INSTITUTE OF MEDICINE**  
**UNIVERSITY OF COLOMBO**

**MD (OTORHINOLARYNGOLOGY) EXAMINATION – NOVEMBER 2022**

**Date:-** 21<sup>st</sup> November 2022

**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. You are called to see a 22-day old stridulous baby in NICU who has failed intubation.
  - 1.1. List the possible causes of stridor in the neonate.
  - 1.2. Discuss the management of congenital subglottic stenosis.
2. Discuss the investigations and management of unilateral vocal cord palsy in an adult.
3. Discuss the investigations and management of unknown primary squamous cell carcinoma (SCC) in head and neck.
4. Write notes on:
  - 4.1. Intraoperative nerve monitoring in head and neck surgery.
  - 4.2. Laryngo-pharyngeal reflux.
  - 4.3. Role of energy devices in head and neck surgery.

Master copy

**POSTGRADUATE INSTITUTE OF MEDICINE**  
**UNIVERSITY OF COLOMBO**

**MD (OTORHINOLARYNGOLOGY) EXAMINATION – NOVEMBER 2022**

**Date:-** 22<sup>nd</sup> November 2022

**Time:-** 9.00 a.m. – 12.00 noon

**PAPER III**  
**(General Surgery)**

**All six (06) questions to be answered.**

1. A 30-year-old motorcyclist is brought to the Accident & Emergency Department by paramedics after a high-speed collision. He is on a semirigid cervical collar and he does not vocalise.  
Outline the process of securing his airway. (100%)
  
2. Write notes on:
  - 2.1. Ward management of a tracheostomy. (50%)
  - 2.2. Aetiopathogenesis of stridor after total thyroidectomy. (50%)
  
3. A 60-year-old male is planned for major laryngeal surgery. He has cirrhosis and is on treatment for diabetes and coronary artery disease.
  - 3.1. Outline the preoperative preparation. (50%)  
  
While receiving a blood transfusion postoperatively, he becomes acutely breathless and hypotensive with bilateral rhonchi.
  - 3.2. Outline the management of this acute state. (50%)
  
4. A 65-year-old female develops breathlessness 4 days after major surgery. She is obese and has diabetes.
  - 4.1. State the most likely causes for her deterioration. (20%)
  - 4.2. State clinical and investigative findings that will help differentiate the causes listed above. (80%)
  
5. A 55-year-old man presents with an ulcerated malignant lesion in the right upper neck. In ward he develops profuse bleeding from the ulcer.  
Outline his immediate management. (100%)
  
6. A 60-year-old man with multiple carious teeth presents with a tender, fluctuant swelling in the neck. On the 2<sup>nd</sup> day he becomes confused and has a pulse rate of 120 beats/minute with and a blood pressure of 80/50 mmHg.  
Outline his management. (100%)