

MS OTO RHINO LARYNGOLOGY

Theory

Theory examinations will be conducted in the middle of sixth semester. There shall be four papers.

Paper I

This should include

1. Anatomy including embryology and osteology
2. Physiology including audiology and neurophysiology
3. Pharmacology in detail of drugs used in ENT including anti-malignant drugs
4. Microbiology of all common bacteria, viruses, fungi, parasites, staining techniques, sepsis and aseptic measures, sterilization
5. Pathology including general pathology, gross pathology and histopathology of common ENT diseases, preparation and staining of histopathology slides, biopsy and FNAC
6. Principles of General Surgery
7. Statistics: Basic statistics including methods of data collection, elimination of errors, analysis and interpretation of data.
8. Allied subjects related to above (anaesthesia, plastic surgery, faciomaxillary surgery, radiotherapy, surgical oncology, medicine, neurology and thoracic surgery)

Paper II

Allied subjects related to above (anaesthesia, plastic surgery, faciomaxillary surgery, radiotherapy, surgical oncology, medicine, neurology and thoracic surgery)

Paper III

Allied subjects related to above (anaesthesia, plastic surgery, faciomaxillary surgery, radiotherapy, surgical oncology, medicine, neurology and thoracic surgery)

Paper IV

Recent advances in otorhinolaryngology, head and neck surgery and allied subjects mentioned above.

Each paper is of three hours duration of 100 marks, distributed as per the contents of the question paper. Each paper includes one essay question (20×1 = 20 marks) and 8 short notes (8×10marks = 80 marks)

WEB RESOURCES

There is a huge amount of free Otorhinolaryngology resources on web that includes textbooks, journals and other resources. These are constantly updated and therefore providing a list of web resources is not feasible. Students can identify free resources on web by doing a Google search for “free otolaryngology resources”. It is also useful to search for otolaryngology surgery related videos in video sharing websites like YouTube. In addition to these, it is highly

recommended that students develop a habit of searching the web for information related to Otolaryngology.

SUGGESTED READING

1. Cummings' Otolaryngology, Head and Neck Surgery- Elsevier Mosby publications 4th edition
2. Scott - Brown's Otolaryngology, Head and Neck Surgery, 7th edition, Edward Arnold Publishers Ltd.
2. Byron J. Bailey and Jonas T. Johnson - Head and Neck Surgery, Otolaryngology , 4th edition-Publishers Lippincott Williams and Wilkinson
3. Paparella - Otolaryngology, Head and Neck Surgery
4. Ballenger's Otolaryngology, Head and Neck Surgery by Snow and Wackym, centennial edition, PMBH publications.
5. Surgery of the Ear - Glasscock- Shambaugh, 5th edition , BC Becker Publications.
6. Manual of middle ear surgery by Mirko Tos, 1st edition, Thieme Publications
7. An atlas of Head and Neck Surgery by Lore and Medina, Elsevier Saunders Publications
8. An atlas of Head and Neck Surgery by Jathin P Shah
9. Atlas of skull base surgery and neurotology by Robert Jackler
10. Color Atlas on Temporal Bone Dissection by Vijayendra Honnurappa
11. Current Diagnosis and Treatment- Otolaryngology Head and Neck Surgery by Anil K. Lalwani - Tata McGraw Hill Publishing Company, New Delhi
12. European Manual of Medicine - Otolaryngology ,Head and Neck Surgery by M. Anniko, M. Bernal Sprekelsen, V. Bonkowsky, P. Bradley, S. Iurato Editors - Publishers -Springer (India) Private Ltd
13. Endoscopic Sinus Surgery - Anatomy, three dimensional Reconstruction and Surgical Technique by Peter-John Wormald. Thieme Publishers
14. Endoscopic Sinus Surgery by Stamberger
15. Rhinology and Sinus Disease, A Problem Oriented Approach by Steven D Schaefer, M D, Mosby Publishers Stell and
16. Maran's Head and Neck Surgery by J C Watkinson, vol 1 and 2, Hodder Arnold Publications, UK 2008
17. Principles of Medical Statistics by A Bradford Hill
18. An Introduction to Biostatistics by P S S Sundar Rao
19. Park's textbook of Social and Preventive Medicine by K Park, M/s Bannarsidas Bhanot Publishers.
