UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Craniofacial Diseases

2526-5-H4102D060-H4102D186M

Aims

The aim of the Craniofacial diseases module is to provide elements to understand the head and neck disorders, through the clinical evaluation of the patient (obtain an adequate anamnesis, perform a complete ENT evaluation and instrumental ENT examinations such as audiometric tests and upper respiratory tract endoscopy) and the interpretation of imaging studies (CT and MRI) in order to formulate an etiological diagnosis and establish the appropriate surgical or medical therapy with attention to the risk/benefit balance of the proposed therapeutic choices. Particular attention will also be given to the surgical activity in the ORs, with the constant presence of the students during ENT surgical procedures.

Contents

The module of Craniofacial Diseases will be focused on the following topics:
• Ear diseases
• Oral cavity diseases
• Pharingeal diseases
• Laryngeal diseases
• Neck masses
• Nasal and paranasal sinuses diseases
• Skull base

Detailed program

The following main pathologies of the head and neck district will be addressed: external, middle and inner ear disorders (otitis, labyrintitis, hypoacusia, otosclerosis); oral and oropharyngeal disorders (tonsillitis, pharyngitis,

OSAS), laryngeal disorders (laryngitis, laryngeal palsy); salivary gland disorders (sialoadenitis, sialolithiasis, tumors of the salivary glands); paranasal sinus disorders (rhinitis, rhinosinusitis, epistaxis, sinonasal polyposis); tumors of the head and neck (oral carcinoma, pharyngeal carcinoma, laryngeal carcinioma, neck lymph nodes metastasis); anterior and lateral skull base diseases (sinonasal tumors, cerebellopontine tumors such as acoustic neuromas and meningiomas, paragangliomas).

Prerequisites

- Anatomy and histology
- Physiology
- Pharmacology
- General Pathology

Teaching form

Students will be divided in groups of 5 – 6 students each and will rotate in the different clinical areas: ordinary hospitalization area, general ENT out-patient clinic and ORs. Students will be supported by the tutors in a 1:2 or 1:3 ratio.
In the ordinary hospitalization area and out-patient clinic students will stay with tutors in the medical history recording and in the ENT examination (standard and instrumental evaluations such as audiometry and endoscopic examination of the upper airways).
Students, according with privacy laws, will attend the communication with the patient during which the diagnostic hypotheses, the prescribed tests and the therapy are shared, and informed consents are collected.
In the OR sessions, students will share together with the tutors the surgical procedures carried out during the daily activities (2 ORs ongoing every day). The surgery will be occasion of discussion between students and tutors in order to better delineate the anatomy of the different ENT districts (nose and paranasal sinuses, middle and inner ear, neck, oral cavity, pharynx, larynx and skull base) and to discuss and share the different steps of surgical ENT procedures.

Textbook and teaching resource

Practical Otorhinolaryngology - Head and Neck Surgery
Diagnosis and treatment - Zhonglin Mu, Jugao Fang - Springer, 2021

Semester

- Second semester – fifth year.

Assessment method

• Evaluation based upon skill form

Office hours

• By appointment (mail).
Prof. G. Danesi (gdanesi@asst-pg23.it)
Tutors: Dr. A. Pusateri (ampusateri@asst-pg23.it); Dr. G. Giourgos (ggiourgos@asst-pg23.it)

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | GENDER EQUALITY