

Research in Spine and Skull base Surgery Otology and audiology

This half minor focuses on developing your skills to critically evaluate scientific literature and to use this literature to gain an in-depth overview of a topic. We will explore the topics spinal surgery, audiology and skull base surgery. Teachers from statistics, medical decision-making and management in medicine will add some days of education. This will help you to place the literature data you will find in a broader context. Would you like to improve your skills in writing a systematic review and further develop your academic attitude? Then you'll find this half minor very interesting.

Introduction

This half minor is directed at improving your academic skills. To that end epidemio-logical education and education in statistics and Medical Decision-Making is a basis that you are introduced to. Information on Spine and Skull base surgery and ENT/Audiology will be introduced to you in a lively manner: tutorials, instructive patient demonstrations, excursions and hands-on training will give you the basis to be able to gather relevant information, perform risk of bias analysis, perform data extraction and develop an academic view on your findings that you will bundle in your

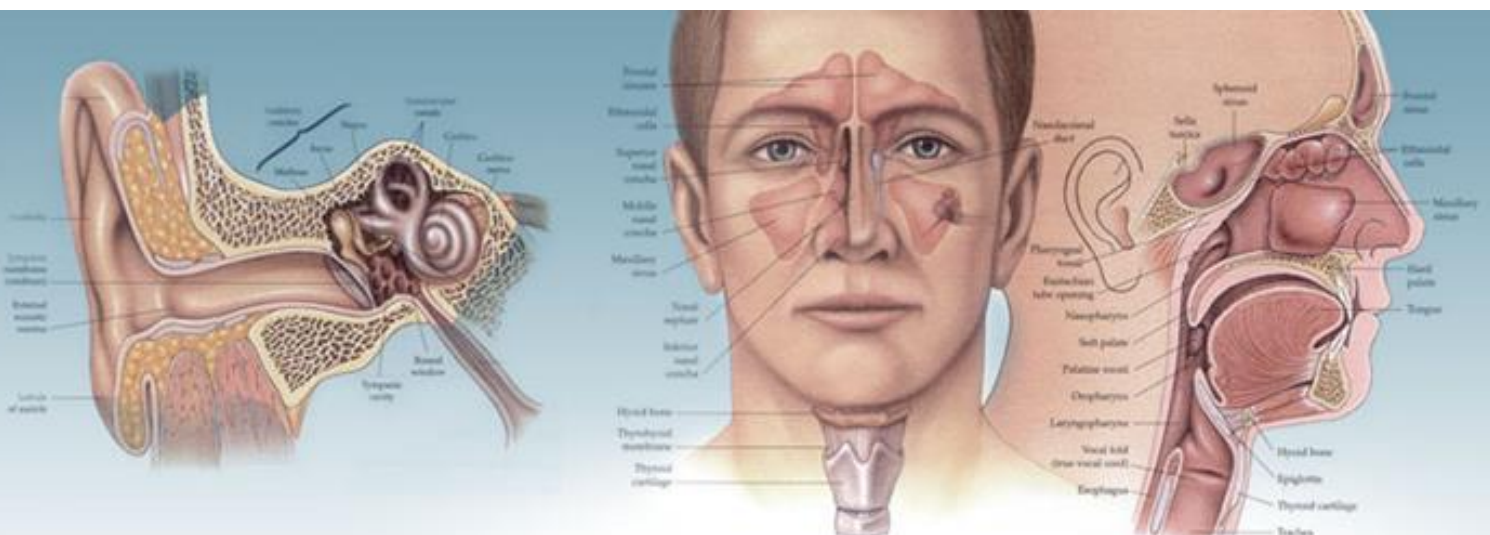


final presentation. You will learn to place the clinical and research findings in a broader context so that you can ultimately take a critical view of developments in this area of medicine.

Quote

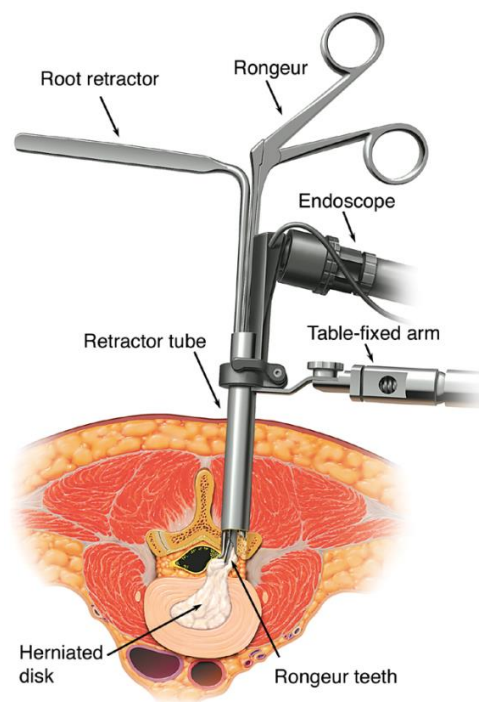
“The patient demonstrations and insights into clinical practice were inspiring!”

The opportunity to accompany one of the surgeons in the operating room!



Overview

In the first week of the half minor students will be educated on epidemiology and statistics. In the three weeks after that, topics on spine surgery will be taught and students are challenged to judge literature and results in the field of spine surgery. The three weeks after, topics of otology and audiology will be taught. In week eight, the students are introduced to diseases and surgical interventions of the skull base from the perspective of ENT surgeons and neurosurgeons. Hereafter, the half minor focuses on shared decision-making and in the final week a presentation will be held.



Learning goals

At the end of this half minor, the student has improved his academic skills. The student can design a literature search, clinical trial, statistical plan, perform a risk of bias analysis, and give critical reviews on specific topics.

Assessment

- Group presentation and report (10% of final grade)
- End report (60% of final grade)
- End presentation (30% of final grade)

“My academic skills have improved greatly, and I still use them in my further studies!”

Contact us



Dr C.L.A. Vleggeert-Lankamp
Neurosurgeon
C.L.A.Vleggeert-lankamp@lumc.nl
071-5262093

Dr Ir J.A.P.M. de Laat
Medical physicist - audiologist
J.A.P.M.de_laait@lumc.nl
071-5262426