

Practical course in

**MICROSURGERY OF
THE ANTERIOR AND LATERAL
SKULL BASE**

Cape Town, February 24-28, 2025



THE SOUTH AFRICAN SOCIETY OF OTORHINOLARYNGOLOGY
HEAD AND NECK SURGERY

Tygerberg ENT courses

In collaboration with:



GENERAL INFORMATION

OBJECTIVES

- Practicing microsurgical bimanual anterior and lateral skull base procedures on cadavers (one specimen for 2 participants)
- 3D video presentation or live presentation of each step of the dissection
- Improving anterior skull base dissection skills: bimanual technique team approach
- Discussion of clinical cases

COURSE DIRECTORS / FACULTY

Marc Merven
Elnemarie Burden
Johan Grobbelaar
Shaun Adam

GUEST FACULTY

Thomas Linder	Lucerne - Switzerland
Christoph Schlegel	Lucerne - Switzerland
Daniel Simmen	Zurich - Switzerland
Darlene Lubbe	Cape Town – South Africa

LOCAL FACULTY

Iain Butler
Tashneem Harris
Louis Hofmeyr
Gary Kroukamp
James Looock
Asanda Makunga
Duane Mol
Gerrie Moolman
Charles Myataza
Chris Quitter
David Roytowski
Jacques Viljoen

MAIN

TECHNICAL ASSISTANCE Bronwyn Stockenstroom
Medtronic
Storz
Zeiss

COURSE LOCATION Sunskill Lab
Fisan Building, 4th Floor
Stellenbosch University
Faculty of Medicine and Health Sciences
Francie Van Zyl Street
Parow
Cape Town

COURSE OFFICE Mrs. Nawaal Abrahams
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08:00 Registration

Microscopic Lateral Skull Base Surgery

(Linder / Schlegel)

Subtotal Petrosectomy

08:30 Introduction and 3D video

09:30 ***Dissection (right side)***

- Closure of EEC
- Identification of facial nerve in the parotid
- Subtotal Petrosectomy

- Simultaneous live dissection for observers

12:30 **Lunch**

Infratemporal Fossa Approach Type A

13:30 Introduction and 3D video

14:15 ***Dissection (right side)***

- Infratemporal Fossa Approach Type A

- Simultaneous live dissection for observers

16:00 Discussion and surgical 3D video

17:00 End of the day

19:00 – **Course Dinner**
22:00

**Infratemporal Fossa Approach Type A
(cont.)**

08:30 Introduction and 3D video

09:00 ***Dissection (right side)***
- Infratemporal Fossa Approach Type A

- Simultaneous live dissection for observers

Masseteric - Facial Nerve Anastomosis

10:30 Introduction and 3D video

11:00 ***Dissection (left side)***
- Masseteric Nerve Identification

12:30 **Lunch**

**Infratemporal Fossa Approach Type B/
Translabrynthine Approach**

13:30 Introduction and 3D video

14:00 ***Dissection (left side)***
- Infratemporal Fossa Approach Type B
- Translabrynthine Approach

- Simultaneous live dissection for observers

16:00 Discussion and surgical 3D video

17:00 End of the day

Endoscopic Anterior Skull Base Approaches

(Lubbe/Simmen/Schlegel)

Endoscopic Septoplasty

Monostril transethmoid-transnasal approach to the central skull base

08:30 Introduction

09:30 **Dissection**

- Endoscopic Septoplasty
- Mononostril transethmoid-transnasal approach to the central skull base

12:30 Lunch

Frontal sinus - Median drainage procedure

Transcibriforme – transplanar approach

13:30 Introduction

14:00 **Dissection**

- Frontal sinus - Median drainage procedure
- Transcibriforme - transplanar approach

16:00 Discussion and clinical cases

17:00 End of the day

19:00 – Course Dinner
22:00

Prelacrimal window approach

Endoscopic modified medial maxillectomy

Pterygopalatine fossa, Vidian nerve, V2, lateral sphenoid recess

08:30 Introduction

09:30 ***Dissection***

- Prelacrimal window approach
- Endoscopic modified medial maxillectomy
- Pterygopalatine fossa, Vidian nerve, V2, lateral sphenoid recess

12:30 **Lunch**

Extended sphenoidotomy and transclival approach

Orbital decompression

13:30 Introduction

14:00 ***Dissection***

- Endoscopic sphenoidotomy and transclival approach
- Orbital decompression

16:00 Discussion and clinical cases

17:00 End of the day

08:00 **Lectures/Case Discussion Lateral Skull Base**

- Endoscope – Microscope – or Exoscopes
- Subtotal Petrosectomy (Tashneem Harris)
- Genetics of Paragangliomas
- Vestibular and Facial Nerve Schwannomas
- Implantable Hearing Devices
 - An Overview
 - Indications and Challenges

9:45 Coffee

10:00 **Lectures/Case Discussion Anterior Skull Base**
(25 minutes each)

- Management of the bloody surgical field in endoscopic sinus and skull base surgery (Christoph Schlegel)
- Prelacrimal window approach, pterygopalatine and infratemporal fossa (Daniel Simmen)
- CSF leaks – how to avoid and manage (Darlene Lubbe)
- Managing the difficult chronic sinusitis patient (Darlene Lubbe)

11:45 Course feedback

12:00 **End of the Course**