

# Advanced Hearing Implant Course 2024

9-10 September 2024 | Monday to Tuesday

Academia, Singapore General Hospital, Singapore

## INTRODUCTION

Building upon the preceding basic temporal bone course held 7-8 Sept 2024, the advanced hearing implant course is aimed at intermediate to expert participants and participants looking to further build their expertise in hearing implant surgery. This course immerses participants into the intricacies of performing various hearing implants, including cochlear implants, bone conduction implants (BAHA, OSIA, Bonebridge), and middle ear implants. Concise lectures will equip participants with new insights into hearing implant surgery. An emphasis will be placed on **hands-on cadaveric head dissection**.

This year, we are honoured to have Prof Stefan Plontke from Halle, Germany as faculty. He is an accomplished hearing implant surgeon and expert on concurrent cochleovestibular schwannoma removal and cochlear implantation. He will be sharing his experience and demonstrating his technique of partial/subtotal cochleoectomy to remove intracochlear schwannomas with concurrent CI and reconstruction of the cochlea.

## Course directors:

Dr Ng Jia Hui, Dr Vanessa Tan, Dr Joyce Tang  
Singapore General Hospital

## Local faculty

A/Prof Henry Tan  
Dr Chan Chingyee  
Dr David Low  
Dr Celeste Chua  
Dr Yeo Seng Beng  
Dr Amanda Cheang  
Dr Paul Lock

Dr Kimberley Lau  
Dr Raymond Ngo  
Dr Goh Xueying  
Dr Low Wong Kein  
Dr Yuen Heng Wai  
Dr Barrie Tan

## Dissection course features

- 1 participant per drilling station
- State of the art facility and equipment
- Microscope video output in all stations
- Close supervision by expert local and international faculty

## International faculty:

Prof Stefan Plontke  
Martin Luther University Halle-Wittenberg

## LIMITED SPOTS AVAILABLE!

COURSE FEE IN SGH CURRENCY (subject to prevailing tax)

Advanced Hearing Implant Course (9-10 Sept)

Specialist	Trainee	Observer
\$2500	\$2000	\$500

For enquiries, please email [sims.sssc@singhealth.com.sg](mailto:sims.sssc@singhealth.com.sg)



**REGISTER NOW!**

9 Sept 2024 (Monday)

Welcome	Dr Ng Jia Hui
History of UNHS and setting up a cochlear implant programme	Prof Low Wong Kein
Key surgical techniques in cochlear implantation	Dr Ng Jia Hui
Hearing preservation in cochlear implantation	Dr Yuen Heng Wai
Cochlear implantation for single sided deafness	Dr Vanessa Tan
Morning tea	
<b>KEYNOTE:</b>  Hearing rehabilitation with cochlear implants in the management of intralabyrinthine cochleovestibular schwannomas	Prof Stefan Plontke
Beyond CI: Auditory Brainstem Implants in the management of hearing loss	A/Prof Henry Tan
Round table discussion (case studies):  Beyond the standard cochlear implant - challenging surgical candidates	All faculty
LUNCH	
<b>HANDS ON: Standard CI</b>  Demo and dissection <ul style="list-style-type: none"><li>- Planning the incision</li><li>- Creating subperiosteal pocket</li><li>- Drilling implant well</li><li>- Cortical mastoidectomy</li><li>- Facial nerve identification</li><li>- Posterior tympanotomy</li><li>- Drilling RW niche</li><li>- CI insertion – RW approach and cochleostomy, straight and perimodiolar electrodes</li></ul> <b>HANDS ON: Middle Ear Implants</b>  Demo and dissection	

10 Sept 2024 (Tuesday)

Our experience with bone conduction implants and middle ear implants	Prof Stefan Plontke
CI in the malformed cochlear	A/Prof Henry Tan
Vestibular testing in cochlear implantation	Dr Joyce Tang
Morning Tea	
<p>HANDS ON:</p> <p>Technique for concurrent intralabyrinthine cochleovestibular schwannomas removal and cochlear implantation</p> <p>Demo and Dissection</p> <p>HANDS ON: Concurrent CI with subtotal petrosectomy</p> <p>Demo and Dissection</p>	Dr Stefan Plontke
LUNCH SYMPOSIUM (Industry)	
<p>HANDS ON:</p> <p>Bone Conduction Implants</p> <p>Demo and Dissection</p> <ul style="list-style-type: none"><li>- BAHA</li><li>- OSIA</li><li>- Bonebridge</li></ul>	
<p>HANDS ON:</p> <p>Translabyrinthine approach with concurrent CI</p> <p>Demo and dissection</p> <ul style="list-style-type: none"><li>- decompression of middle fossa and sigmoid sinus,</li><li>- labyrinthectomy,</li><li>- ID endolymphatic duct, jugular bulb, skeletonization of IAC</li></ul>	