

PROGRAMME

ADVANCED COURSE IN ENDOSCOPIC EAR DISSECTION AUGUST, 05TH TO 06TH, 2021



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BACKGROUND

- Endoscopes has been used in otologic surgeries for many ear. However, in last 5 years mostly, associated with the development of imaging technology (cameras), its use has grown considerably.
- Endoscopic Ear Surgery (EES) has provided anatomical redefinition and a better understanding of the pathophysiology of ear diseases.
- Undoubtedly, EES is one of the most remarkable advances in otology in this century

OBJECTIVES

- Describe the instrumentation and techniques necessary to use EES for common otologic procedures
- Analyse surgical cases and appropriate situations in which to employ EES
- Demonstrate technical competence in EES techniques
- Incorporate EES into clinical practice

FACULTY LIST

ARTHUR CASTILHO

ARYANE REZENDE

BRUNO TAGUCHI

DANIELA CARVALHO - *videoconference*

EDSON MITRE

FELIPE FELIX

JOÃO FLAVIO NOGUEIRA

JOÃO PAULO VALENTE

JOSÉ EDUARDO MARTINS

JOSÉ RICARDO GURGEL TESTA

MAURICIO NOSCHANG

PAOLA PIVA

PAULO LAZARINI

RAFAEL CASTRO

RAFAEL LUCENA

RICARDO BENTO

ROGERIO HAMERSCHMIDT

VAGNER PEREIRA

Thursday, August 05th 2021

Participants and Faculty Shuttle Bus : Hotel - IRCAD

07.40	Registration	
08.00	Welcome to participants and Opening	<i>J. P. Valente</i>

THEORETICAL SESSION

08.20 – 08.40	Endoscopic Ear Surgery: Principles and Practice	<i>J. R. Testa</i>
08.40 – 09.00	Endoscope and the redefinition of the middle ear anatomy	<i>B. Taguchi</i>
09.00 – 09.20	Middle ear ventilation and its implication in the pathophysiology of chronic otitis media	<i>J. F. Nogueira</i>
09.20 – 09.40	Endoscopic Ear Surgery Results	<i>V. Pereira</i>

09.40 – 10.00 Coffee Break

10.00 – 11.00	Endoscope in practice:	
	↘ <i>Tympanoplasty</i>	<i>E. Mitre</i>
	↘ <i>Cholesteatoma Surgery</i>	<i>A. Castilho</i>
	↘ <i>Stapedectomy</i>	<i>P. Lazarini</i>
11.00 – 12.00	Guided Dissection	<i>J. P. Valente</i>

12.00-12.45 Lunch

12.45 – 13:00	Description of aims & exercises of the hands-on session and Laboratory Rules	<i>J. P. Valente / R. Silva</i>
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EXPERIMENTAL LABORATORY – CADAVER LAB

13.00 – 17.30	Dissection laboratory:	<i>All Faculty</i>
	↘ <i>External auditory canal cleaning</i>	
	↘ <i>Ventilation tube Placement</i>	
	↘ <i>Confecção do retalho timpanomeatal</i>	
	↘ <i>Middle ear exploration (retro-tympanum / airways / pro-tympanum)</i>	
	↘ <i>Tragus Cartilage Removal</i>	
	↘ <i>Tympanoplasty (“cartilage technique”)</i>	
	↘ <i>Epitimpanectomy (curette / piezo)</i>	
	↘ <i>Ossiculoplasty / Stapedotomy</i>	

17.30 End of the session

Participants and Faculty Shuttle Bus: IRCAD – Hotel

Friday, August 06th 2021

Participants and Faculty Shuttle Bus : Hotel - IRCAD

THEORETICAL SESSION

08.20 – 08.40 Endoscope and cochlear implant: what is the benefit? *R. Hamerschmidt*

08.40 – 09.20 Inner ear anatomy and advanced management *J. P. Valente / R. Bento*

09.20 – 09.40 Endoscopic ear surgery in children *D. Carvalho*
(videoconference)

09.40 – 10.00 **Coffee Break**

10.00 – 11.00 Roundtable: Endoscope Principles and Application

Moderator: *J. F. Nogueira*

Debaters: *F. Felix, A. Castilho, J. E. Martins, M. Noschang*

11.00 – 12.00 Guided Dissection *J. P. Valente*

12.00 – 12.45 **Lunch**

EXPERIMENTAL LABORATORY – CADAVER LAB

13.00 – 17.30 Laboratório de Dissecção *All Faculty*

- *Round window anatomy (tegmen drilage / cochlear implant insertion)*
- *Hypotympanum anatomy (jugular bulb / carotid)*
- *Intracochlear access to the petrous Apex*
- *Ossicular chain removal*
- *Facial nerve anatomy (2 and 3 portion)*
- *Stirrup Removal*
- *Cochleotomy (basal turns / mid-apical)*
- *Access to the inner ear canal*

17.45 End of the course and Delivery of the certificates of attendance

Participants and Faculty Shuttle Bus: IRCAD – Airports
IRCAD – Hotel