

149° MIDDLE EAR SURGERY COURSE –8/12 May 2023

Monday 8 May	8.00-9.00 Surgical Anatomy of the Temporal Bone Dr. G. Piras	B	9.30-13.30 LIVE SURGERY GRUPPO OTOLOGICO Cases Presentation Dr. V. Di Rubbo Dr. M. Ferraro	13.30 14.00 LUNCH	14.00-14.30 Radiological Diagnosis of Middle Ear Pathologies Dr. E. Piccirillo	14.30-15.00 How to have the best drilling experience Bien Air	15.00-19.00 <u>DISSECTION LABORATORY</u>		TUTORS Dr. Piccirillo Dr. Caruso Dr. Lauda Dr. Giannuzzi Dr. Piras		
Tuesday 9 May	8.00-9.00 Surgical Anatomy of the Temporal Bone VIDEOTAPE		R	9.30-13.30 LIVE SURGERY GRUPPO OTOLOGICO Cases Presentation Dr. V. Di Rubbo	13.30 14.00 LUNCH	14.00-14.30 Subtotal Petrossectomy (Indication and Techniques) Dr. A. Caruso	14.30-15.00 Management of the EAC (Canalplasty) Dr. A. Russo		15.00-19.00 <u>DISSECTION LABORATORY</u>	TUTORS Dr. Piccirillo Dr. Caruso Dr. Lauda Dr. Giannuzzi Dr. Piras	
Wednesday 10 May	8.00-9.00 Surgical Anatomy of the Temporal Bone VIDEOTAPE			E	9.30-13.30 LIVE SURGERY GRUPPO OTOLOGICO Cases Presentation Dr. V. Di Rubbo	13.30 14.00 LUNCH	PHOTO	14.00-14.30 Individualized Management of Cholesteatoma in Dr. A.Taibah	14.30-15.00 Modified Bondy Technique Dr. A.Giannuzzi	15.00-18.00 <u>DISSECTION LABORATORY</u>	20.30 DINNER Restaurant “LA ROCCHETTA”
Thursday 11 May	8.00-9.00 Surgical Anatomy of the Temporal Bone VIDEOTAPE		A		9.30-13.30 LIVE SURGERY GRUPPO OTOLOGICO Cases Presentation Dr. V. Di Rubbo	13.30 14.00 LUNCH	14.00-14.30 Management of Tympano Mastoid Paraganglioma (Type A-B) Dr. A. Caruso		14.30-14.45 Vestibular Rehabilitation Protocol (Dr. A. Giannuzzi- Dr. E.Rebecchi)		14.45-19.00 <u>DISSECTION LABORATORY & PRIZE FOR THE BEST DISSECTION</u>
Friday 12 May	8.30-10.30 Surgical Anatomy of the Temporal Bone VIDEOTAPE			K	10.30-11.30 Cholesteatoma in Children Dr. G. Piras		11.30-12.30 Cochlear Implants Dr. Lorenzo Lauda		12.30 14.00 LUNCH – QUESTIONNAIRE & DIPLOMA		

4. Decompress the mastoid segment of the facial nerve
5. Identify the Jugular Bulb
6. Perform a retrofacial tympanotomy preserving the posterior (and other) semicircular canals and the jugular bulb

Day 3: WEDNESDAY (ON A NEW BONE)

Translabyrinthine Approach

1. Perform a canal wall up Mastoidectomy as described before
2. Enlarge the mastoidectomy over the middle fossa dural plate and in the retrosigmoid posterior fossa dural plate
3. Decompress the middle cranial fossa dura, the sigmoid sinus and the pre- and post-sigmoid posterior fossa dura
4. Identify the bony labyrinth and perform a labyrinthectomy, identify lateral semicircular canal, superior and posterior semicircular canal
5. Identify the subarcuate artery foramen
6. Identify the endolymphatic duct, sac and transect the duct without puncturing the dura
7. Identify the jugular bulb and the dome of the bulb
8. Drill the petrous bone up to the dura of the internal auditory canal (IAC)
9. Perform the transapical extension by drilling the bone between the jugular bulb and the IAC and between the IAC and the middle cranial fossa dura.
10. Drill bone up to 320 degrees around the internal auditory canal.
11. Decompress the dura of the IAC
12. Identify the vestibule, the transverse crest and the vertical crest (Bill's bar)
13. Identify the superior ampullary canal and the nerve in the canal.
14. Reflect the nerve downwards to identify the superior vestibular nerve
15. Identify the facial nerve medially and the vertical crest
16. Incise the dura of the canal near the fundus
17. Expose the inferior vestibular nerve and reflect it downwards to identify the facial and the cochlear nerves

Transotic Approach

1. Remove the posterior canal wall
2. Skeletonise the facial nerve in the Fallopian canal
3. Identify the entire jugular bulb
4. Identify the Internal Carotid Artery after drilling out the anterior canal wall up to the Eustachian Tube
5. Drill out the Cochlea and explore the petrous bone up to the petroclival junction

Day 4: THURSDAY (3rd BONE)

Repeat all the steps of Combined Approach Tympanoplasty

Lateral Temporal Bone Resection: Remove the EAC en-block by extending the hypotympanotomy and epitympanotomy in order to perform removal of Carcinoma of the EAC

DAY 5: FRIDAY (last day)

Videotape Middle Ear Anatomy + Diploma & Questionnaire

TEAM GRUPPO OTOLOGICO



MIDDLE EAR SURGERY COURSE

Piacenza, Italy

Dissection schedule at the William House Dissection Laboratory

Day 1: MONDAY

External and Inner ear procedures

1. Identify the tympanic bone
2. Perform a canalplasty without exposing the temporomandibular joint, facial nerve or the jugular bulb
3. Elevate the tympanomeatal flap, identify the chorda tympani and the ossicles
4. Perform an atticotomy to identify the incudostapedial joint
5. Identify the stapes, stapedius tendon and the footplate.
6. Cut the stapedius tendon and dislocate the IS joint
7. Drill out the anterior and posterior crura and remove the suprastructure
8. Perform a stapedotomy
9. Dislocate the incus and sculpt it to reposition it between the malleus and stapes
10. Identify the Eustachian Tube, Processus Cochleariformis, tendon of the malleus

Canal Wall Up Mastoidectomy

1. Start drilling the mastoid cortex after identifying the triangle of attack
2. Identify the middle fossa dural plate and the Sigmoid sinus
3. Identify and thin out the posterior canal wall
4. Identify the mastoid antrum, lateral semi-circular canal and the short process the incus
5. Continue the epitympanotomy anteriorly to identify the Incudo-Malleolar joint
6. Identify the digastric ridge and the facial nerve thereafter
7. Identify the Chorda Tympani and the Chordo-facial angle
8. Perform a posterior tympanotomy maintaining the Incus buttress
9. Identify the Round Window niche, Incudo-stapedial joint the stapedius and malleus tendon
10. Identify the subiculum and ponticulus
11. Continue the posterior typanotomy to a hypotympanotomy and practise a combined approach tympanoplasty
12. Ossiculoplasty: Prepare the incus to reposition it between the malleus and footplate of stapes and then between the malleus and the footplate of the stapes

Day 2: TUESDAY

Canal Wall Down Mastoidectomy

1. Modified Bondy Technique: Maintain the tympano-ossicular apparatus
2. Identify the Cochlea, Cochlearifor Process, Cog and the tensor tympani tendon
3. Identify the Eustachian Tube and the supra tubaric cells



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Piacenza, 08/05/2023

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**Medici specialisti in
Chirurgia dell'orecchio medio
Otoneurochirurgia
Impianti Cocleari
Impianti al tronco
Chirurgia della base cranica**

Prof. Mario Sanna
Dott. Abdelkader Taibah
Dott.ssa Alessandra Russo
Dott. Fernando Mancini
Dott. Enrico Piccirillo
Dott. Antonio Caruso
Dott. Lorenzo Lauda
Dott.ssa Annalisa Giannuzzi
Dott. Gianluca Piras
Dott.ssa Vittoria Di Rubbo

Neurochirurgia

Dott. Abdelkader Taibah

Tecnici di Audiometria

Valerio Sozzi
Gloria Cagliero
Marianna Ciotti

Audioprotesisti

Massimo Bocchi

Amministrazione

Denise Draghi
Elena Doro

Dear Colleague,

*I give you my personal welcome to the Gruppo Otológico for the Middle Ear
Surgery Course*

*You will be my honoured guest for dinner at Restaurant "LA ROCCHETTA"
located in Rivalta Castle on 10th of May 2023 at 8,30pm*

Best regards,

Prof. Mario Sanna

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