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Implantable Hearing Systems 2020

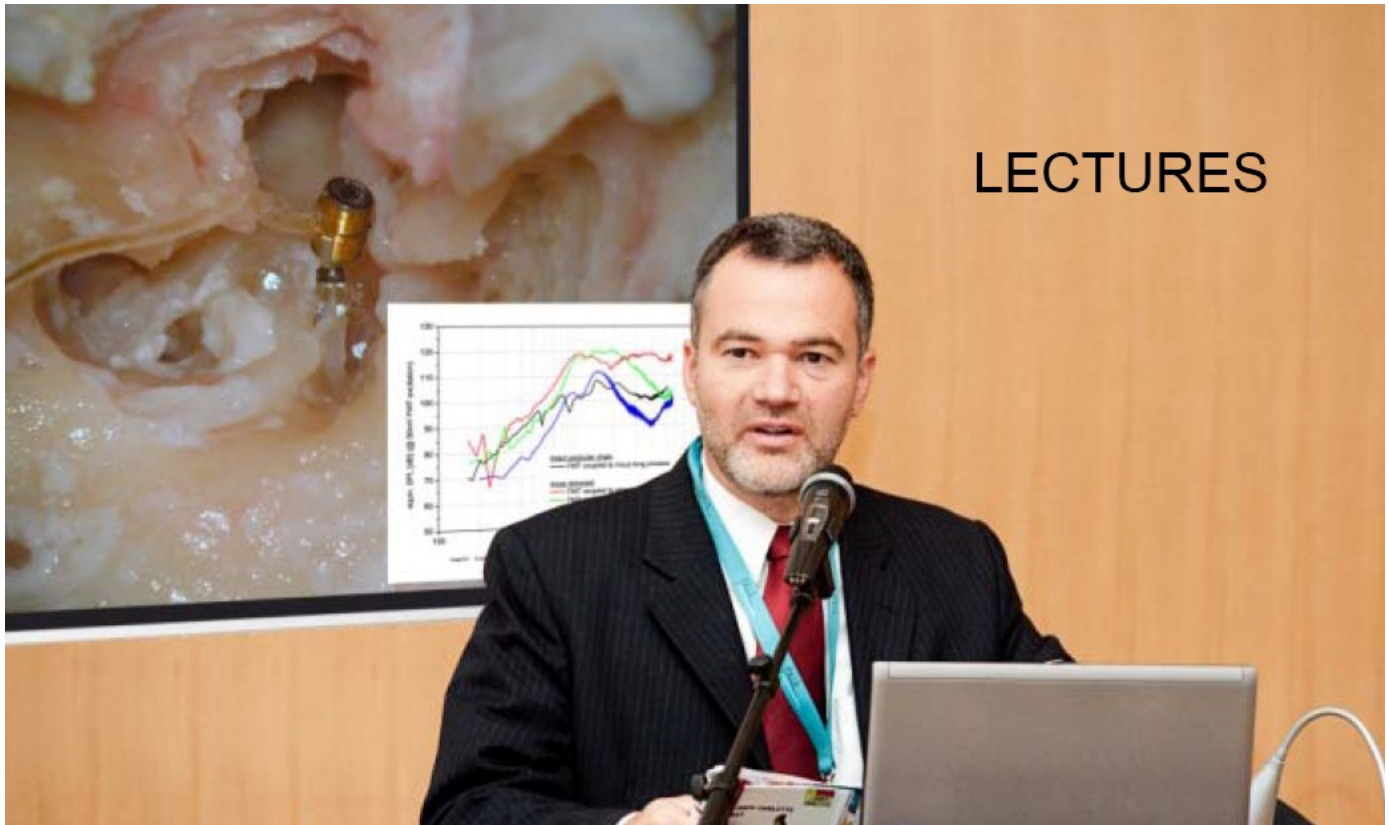
International hands-on course

October 11nd - 13nd

Uniklinikum Dresden, Clinic of ORL



- > Watch the operations live in the operating room
- > Discuss the surgical procedure on site with the surgeon and colleagues from other hospitals
- > Get to know Cochlear implants, implantable hearing aids (Vibrant SoundBridge) and bone conduction hearing systems (BoneBridge)



Get an overview about implantable hearing systems and their indications.

Learn about surgical techniques for the different systems and get tips and tricks from our experienced surgeons.

- > Implantable hearing aid systems and indication
- > CI electrodes and surgical techniques
- > BoneBridge and surgical techniques
- > Vibroplasty, SoundBridge and surgical techniques



- > Implantation of actuators in a training model
 - > Training of the implantation of the FMT (floating mass transducer) of the Vibrant SoundBridge with the coupling elements by use of a middle ear training model with acoustic feedback
- > Implantation of actuators in temporal bone specimen
 - > We use a specially prepared specimen which offers acoustic feedback, i.e. you will hear the signal that reaches the cochlea
 - > Implant the FMT (floating mass transducer) of the Vibrant Soundbridge at different positions with the coupling elements
 - > Hear and compare the performance of the FMT at different coupling conditions
- > Bone Bridge implantation
 - > Learn about BoneBridge implantation#
- > CI-electrode implantation
 - > Training of cochleostomie and round window insertion
 - > Insertion of different types of CI electrodes
- > Control of CI-electrode positioning
 - > Evaluate the position of the cochlea electrodes by means of DVT images and 3D image processing
 - > Model transformations, length and angle measurements
- > Tremor testing

- > Check your hand tremor at different conditions
- > Vibroplasty techniques, handling of couplers and cartilage preparation



Stellenangebote

Logopäde (w/m/d)

News

08.05.2020

> Quality in middle ear surgery – a critical position determination

08.05.2020

> Retrospective analysis of clinical studies shows great heterogeneity of reporting quality in speech audiometry

19.12.2019

> Pressure monitoring in the tympanic cavity using resorbable organic sensors (PITROS)

12.12.2019

> 1st Dresden master course for CARINA – unique fully implantable hearing aid

02.07.2019

> Influence of depressivity on quality of life in patients with chronic otitis media

> Weitere Nachrichten



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