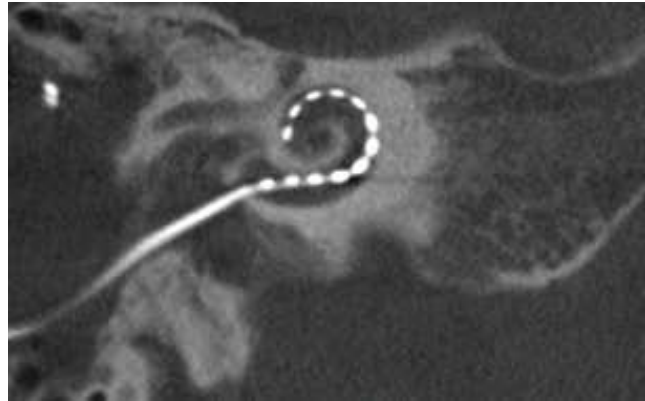


Implantable Hearing Aids

Cochlear Implants



Implantable Hearing Systems

Please, inform me about the course program and conditions:

Surname, name
 Affiliation (Hospital, University etc.)
 Address
 Postal code
 City
 Country
 Phone / Fax/
 E-mail

Send by Fax +49 (0)351 4584326 or email: orl@uniklinikum-dresden.de

International hands-on course

Implantable Hearing Systems

September, 12th - 13th, 2012
Dresden, Germany



Address:
 University Hospital Carl Gustav Carus
 at the Technische Universität Dresden
 Clinic of Otorhinolaryngology
 Fetscherstraße 74, 01307 Dresden

Contact:
**Prof. Dr. med. Dr. h.c.
 Thomas Zahnert**
 Telefont: +49 (0)351 458-4420
 Fax: +49 (0)351 458-4326
 E-Mail: orl@uniklinikum-dresden.de
 Internet: www.orl-dresden.de

Live Surgery



Hands-on Experiments

Surgery training course on implantable hearing systems

live ear surgery

- cochlear implants
- implantable hearing aids (vibrant soundbridge)
- bone conduction hearing systems

lectures

- implantable hearing aid systems
- surgical techniques
- functional evaluation

experiments

- insertion of electrodes into the cochlea
- training different types of vibroplasty
- auditory monitoring of the performance of implantable transducer
- BAHA implantation and monitoring of performance
- evaluating the position of cochlea electrodes by means of DVT images and 3D image processing
- monitoring of drilling induced noise, training of surgical techniques for hearing preservation

Organisation

The Clinic of Otorhinolaryngology offers the complete scope of diagnostics and therapy in Otorhinolaryngology. One focus of surgical treatment is reconstructive middle ear surgery. There are annual international courses on reconstruction of the middle ear held at the clinic. Furthermore, the clinic is a centre for Cochlear Implants implantation and rehabilitation in this area.

The focus in research is on multidisciplinary projects in basic research and medical-technical projects. The hearing research group has proven expertise in simulation models of the hearing organ (middle ear and inner ear structures) and experimental middle ear mechanics.

