

6th International Symposium on Otosclerosis and Stapes Surgery

25th – 27th June 2025 in Rostock, Germany

Program



Host

Univ.-Prof. Dr. med. R. Mlynski

Department of Oto-Rhino-Laryngology, Head and Neck
Surgery „Otto Körner“ Rostock University Medical Center

Venue



Invitation

Dear colleagues,

It is a great pleasure to cordially welcome you to the 6th International Otosclerosis Symposium in Rostock!

Otosclerosis especially stapes surgery is one of the most fascinating aspects in Otology. I am sure sharing current knowledge and scientific results in a comprehensive meeting will be both fun and forward the management of the disease at the same time. Structured sessions will cover a broad spectrum of current scientific and clinical topics: pathophysiology, audiology, prosthesis design over surgery around the world.

This symposium has traveled from Switzerland to France over Hungary to Poland. The latest meeting was hosted in Brussels in 2023. It is a great honor to welcome you from 25th through 27th June 2025 in Rostock, Germany.

Rostock is situated in the North of Germany, with the oldest University in the Baltic Region and the oldest University Department for Otorhinolaryngology in Northern Europe.

Take the opportunity to exchange experiences with scientists, surgeons, clinicians, engineers and audiologists who have a genuine interest in all aspects of otosclerosis and explore the Baltic!



I welcome you to the
6th international symposium in Rostock.

Robert Mlynski

Univ.-Prof. Dr. med. Robert Mlynski
Host

otosclerosis-rostock.org

Mail: office@otosclerosis-rostock.org



Here it is

Wednesday, 25.06.2025
Lecture hall, Clinic for Orthopaedics,
Doberaner Str. 142, 18057 Rostock



Thursday & Friday, 26. & 27.06.2025
Aula, University of Rostock
Universitätsplatz 1, 18055 Rostock



Wednesday – Program

25.06.2025 (Lecture hall, Doberaner Str. 142, 18057 Rostock)

| | | |
|---------------|--|---|
| 08:15 | OPENING REGISTRATION DESK | |
| 09:00 – 12:00 | 3D LIVE SURGERY • Chair: J. Müller & S. M. van Bonn-Ytrehus | |
| | Surgeon: R. Mlynski; Rostock, Germany | |
| | MED-EL passive middle ear implants | M. Schweißgut, MED-EL |
| 12:00 – 13:00 | LUNCH | |
| 13:00 – 14:00 | MED-EL hands on workshop & pMEI-simulator | |
| | M. Schweißgut, U. Steinhardt, S. Cass, E. Schimanski, S. van Bonn-Ytrehus & A-L. Saur | |
| 14:00 – 16:00 | OPENING LECTURES • Chair: R. Mlynski & P. H. Skarżyński | |
| | Middle ear synchrotron | S. Agrawal; London, Ontario, Canada - online |
| | Embryology of the stapes | M. Tóth; Pécs, Hungary |
| | Imaging of otosclerosis – from basic to pitfalls | S. Langner; Greifswald, Germany |
| | FREE PAPERS | |
| | Rethinking Imaging in otosclerosis: New perspectives with photon-counting CT | K. Rak; Wuerzburg, Germany |
| | Radiologically assessed stapes footplate thickness and audiologic outcomes in patients with otosclerosis | J. Müller-Goebel; Zurich, Switzerland |
| | Machine learning method for prediction of hearing improvement after stapedotomy | J. Rebol; Maribor, Slovenia |
| | 3D stereo imaging in stapedotomy | F. Lausch; Rostock, Germany |

Thursday – Program

26.06.2025 (Aula, University of Rostock Universitätsplatz 1, 18055 Rostock)

08:00 – 08:30 **WELCOME**

City of Rostock

University of Rostock

Prof. Dr. Bernd Krause - Dean Rostock University Medical Center

08:30 – 10:00 **HISTORY AND SCHOOLS** • Chair: S. K. Plontke & K. A. Peng

History of stapes surgery S. K. Plontke; Halle, Germany

History of otosclerosis surgery:
an American perspective K. A. Peng; L.A., United States

The Fisch school of stapes surgery:
has anything changed? T. Linder; Luzern, Switzerland

The Plester school and what it stands for H. Heumann; Doetlingen, Germany

800 stapes/year – what's special? P. H. Skarżyński; Kajetany, Poland

10:00 – 10:30 **OPENING INDUSTRIAL EXHIBITION / BREAK**

10:30 – 12:00 **HEARRING SESSION** • Chair: S. Dazert

HEARRING Members

M. Caversaccio; Bern, Switzerland

S. Dazert; Bochum, Germany

W. Großmann; Rostock, Germany • M. Kameswaran; Chennai, India

R. Mlynski; Rostock, Germany • J. Müller; Munich, Germany

G. M. Sprinzl; St. Poelten, Austria

HEARRING Guests

J. Dlugaiczyk; Zurich, Switzerland • S. Langner; Greifswald, Germany

12:00 – 12:45 **ROBOTICS** • Chair: M. Caversaccio & S. Dazert

Robotics for CI in advanced otosclerosis M. Caversaccio; Bern, Switzerland

The use of a robot in Otology P. Lefebvre; Liège, Belgium *online*

12:45 – 13:30 **INDUSTRIAL EXHIBITION / LUNCH**



Thursday – Program

26.06.2025 (Aula, University of Rostock Universitätsplatz 1, 18055 Rostock)

13:30 – 14:45 **MIDDLE EAR MECHANICS** • Chair: T. Zahnert & A. Huber

Mechanics of otosclerosis

T. Zahnert; Dresden, Germany

Design and biomaterials used in prostheses
for stapes surgery – a retrospective analysis

M. P. Milkov; Varna, Bulgarian

Experience and clinical results with the
mAXIS-stapes prosthesis

D. Beutner; Goettingen, Germany

Otosclerosis and stapes motion: Bridging
biomechanics and surgical techniques

A. Huber; Zurich, Switzerland

14:45 – 15:15 **INDUSTRIAL EXHIBITION / BREAK**

15:15 – 16:30 **CLINICAL OTOSCLEROSIS** • Chair: G. E. Jablonski & D. Jacobs

Advancing the genetic understanding
of otosclerosis: From candidate gene
studies to GWAS

D. Jacobs; Edegem, Belgium

Postoperativ management after stapes
surgery

A. Koitschev; Stuttgart, Germany

Optical coherence tomography and
otosclerosis

F. Couvreur; Brugge, Belgium

Medical didactic aspects of otosurgical
training

C. Offergeld; Freiburg, Germany

18:00 – 23:00 **CONGRESS DINNER / CU @ THE BEACH - BOOKED OUT**
Kurhaus Warnemünde (free shuttle service)

Friday – Program

27.06.2025 (Aula, University of Rostock Universitätsplatz 1, 18055 Rostock)

08:00 – 09:30 **SURGICAL APPROACHES** • Chair: G. Seglina & C. Chiu

Choosing an approach to stapes surgery – under local or general anaesthesia G. Seglina; Riga, Latvia

Experience in stapes surgery over the last 10 years with Fox laser system - how to handle the footplate in tricky situations G. M. Sprinzl; St. Poelten, Austria

Stapesplasty – Endoscopic Technique with Campo Mercandino Piston S. Arauz; Buenos Aires, Argentina

Endoscopic approach in otosclerosis M. M. Khan; Pune, India

Otosclerosis and stapes surgery in Norway – personal experience and teaching the next generation C. Chiu; Oslo, Norway

09:30 – 10:00 **STAPES SURGERY – WORLD TABLE** • Chair: R. Mlynski

S. Arauz; Buenos Aires, Argentina • S. Cass; Aurora, United States
A. Huber; Zurich, Switzerland • G. Jablonski; Oslo, Norway
M. Kameswaran; Chennai, India • E. Lesinskas; Vilnius, Lithuania
A. Magele; St. Pölten, Austria • M. P. Milkov; Varna, Bulgarian
J. Müller; Munich, Germany • G. Seglina; Riga, Latvia

10:00 – 10:30 **INDUSTRIAL EXHIBITION / BREAK**

10:30 – 11:15 **AUDIOLOGICAL & VESTIBULAR ISSUES, QOL** • Chair: D. Jacobs & S. Cass

Clinical differences between conductive loss due to otosclerosis and SSCD S. Cass; Aurora, United States

FREE PAPERS

Single-blinded, randomized, monocentric study trial on the use of two different piston diameters for stapesplasty with a stapes prosthesis with a superelastic Nitinol-Clip A. Gey; Halle, Germany

Persistent stapedia artery – case report A. Kumorova; Ružomberok, Slovakia

Friday – Program

27.06.2025 (Aula, University of Rostock Universitätsplatz 1, 18055 Rostock)

11:15 – 12:00 **AUDIOLOGICAL STANDARDS – ROUND TABLE** • Chair: F. Schmidt

Subjective audiometry of stapedia function F. Schmidt; Rostock, Germany

Overview about bone conducted hearing aids for conductive hearing loss T. Rahne; Halle, Germany
- *Video presentation*

Effect of middle ear lesion on hearing by bone conduction S. Stenfeldt; Linköping, Sweden

Challenges and solutions of fitting cochlear implants after ossification T. Rader; Munich, Germany

Prediction of hearing outcomes in stapes surgery: assessment of surgical parameters J. H. Sim; Zurich, Switzerland

12:00 – 12:45 **QUALITY OF LIFE – ROUND TABLE** • Chair: N. Weiss

Health related quality of life and otosclerosis N. Weiss; Munich, Germany

Revision surgery and indication for malleostapedotomy: What problems arise (incl. prosthesis lengths and design of new prostheses) T. Linder; Luzern, Switzerland

Postoperative dizziness and vertigo after stapesplasty J. Dlugaiczyk; Zurich, Switzerland

Quality of life and reported outcome measures M. Neudert; Dresden, Germany

12:45 – 13:45 **INDUSTRIAL EXHIBITION / LUNCH**

13:45 – 15:00 **REVISION SURGERY** • Chair: J. Müller & E. Lesinskas

Revision surgery in otosclerosis J. Müller; Munich, Germany

Stapes (revision) surgery through the ages G. Lehnerdt; Wuppertal, Germany

Stapes revision in 96 patients: Indications, predictive factors and clinical results S. Schams; Bochum, Germany

Revision stapedotomy: Findings and functional results E. Lesinskas; Vilnius, Lithuania

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