

# Institut für implantierbare elektronische Hörsysteme

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## Wissenschaftliche Referate 2022:

- Postoperative Care after Hearing Implant Surgery
- OTOPLAN- post surgery evaluation and Anatomy Based Fitting
- Cochlear implant program St. Pölten with new indications and complex cases
- CI State of the Art
- CI for single sided Deafness in Children
- VSB - different coupling methods
- Sound Localization & QoL in SSD Patients
- BONEBRIDGE: A systematic review
- First experiences with the new Bone conduction implant BCI602
- Very early activation after CI surgery in young children
- music perception discrimination skills and self-awareness in elderly CI recipients before and after music therapy
- EAS in patients with significant residual hearing- long term results
- Tips and tricks for stapedoplasty

## Wissenschaftliche Publikationen 2022:

- Personalized Medicine in Otolaryngology: Special Topic Otolaryngology.  
Sprinzl GM, Magele AJ Pers Med. 2022 Nov 2;12(11):1820. doi: 10.3390/jpm12111820.PMID: 36579531
- Minimally Traumatic Cochlear Implant Surgery: Expert Opinion in 2010 and 2020.  
Topsakal V, Agrawal S, Atlas M, Baumgartner WD, Brown K, Bruce IA, Dazert S, Hagen R, Lassaletta L, Mlynski R, Raine CH, Rajan GP, Schmutzhard J, Sprinzl GM, Staecker H, Usami SI, Van Rompaey V, Zernotti M, Heyning PV.J Pers Med. 2022 Sep 21;12(10):1551. doi: 10.3390/jpm12101551.PMID: 36294690
- Improved Music Perception after Music Therapy following Cochlear Implantation in the Elderly Population.  
Magele A, Wirthner B, Schoerg P, Ploder M, Sprinzl GM.J Pers Med. 2022 Mar 11;12(3):443. doi: 10.3390/jpm12030443.PMID: 35330442
- Clinical feasibility of a novel test setup for objective measurements using the VIBRANT SOUNDBRIDGE.  
Sprinzl GM, Schörg P, Edlinger S, Ploder M, Magele A.Laryngoscope Invest Otolaryngol. 2022 Jul 6;7(4):1113-1119. doi: 10.1002/lio2.839. eCollection 2022 Aug.PMID: 36000035
- Long-Term Safety and Quality of Life after Vibroplasty in Sensorineural Hearing Loss: Short/Long Incus Process Coupler.  
Edlinger SH, Hasenzagl M, Schoerg P, Muck S, Magele A, Sprinzl GM.Audiol Neurootol. 2022;27(2):175-183. doi: 10.1159/000516144. Epub 2021 May 27.PMID: 34044387

- Suitable Electrode Choice for Robotic-Assisted Cochlear Implant Surgery: A Systematic Literature Review of Manual Electrode Insertion Adverse Events.  
Van de Heyning P, Roland P, Lassaletta L, Agrawal S, Atlas M, Baumgartner WD, Brown K, Caversaccio M, Dazert S, Gstoettner W, Hagen R, Hagr A, Jablonski GE, Kameswaran M, Kuzovkov V, Leinung M, Li Y, Loth A, Magele A, Mlynski R, Mueller J, Parnes L, Radeloff A, Raine C, Rajan G, Schmutzhard J, Skarzynski H, Skarzynski PH, Sprinzl G, Staecker H, Stöver T, Tavora-Viera D, Topsakal V, Usami SI, Van Rompaey V, Weiss NM, Wimmer W, Zernotti M, Gavilan J. *Front Surg.* 2022 Mar 24;9:823219. doi: 10.3389/fsurg.2022.823219. eCollection 2022. PMID: 35402479