Welcome to Harald Seidler

- Chief Physician of the MediClin Bosenberg Kliniken, Clinic for ENT, Tinnitus Special Clinic.
- Dr Seidler is Specialist in ENT medicine from 1987, with an additional qualification in rehabilitation.
- From 1996 2019 he was President of the Deutsche Schwerhörigenbund e.V. (DSB), the largest self-help organization for the hard of hearing and deaf in Germany and was Joint Chair of CAPAC, which advised the development of the Adult CI Guidelines.
- Dr Seidler is an active member of the Steering Group of CIICA and feels strongly that rehabilitation following cochlear implantation is essential and as an implant user himself knows its value and importance.





CI Rehabilitation in Germany. CI Rehabilitation in MediClin Bosenberg Kliniken St Wendel/Saar

ASKLEPIOS AWARD

Kategorie: Innovation in der Medizin 2012

3. Preis

Etablierung eines hochspezialisierten Versorgungsangebotes für Patienten mit Cochlea-Implantat

Dr. med. Harald Seidler

MediClin Bosenberg Kliniken

Die Konzerngeschäftsführung

Ju 4

(Slub)

Vai Tuulalu

Kai Hankeln

Style Styles Styles Styles Opple-Kirs, Shophan Launhard Streen Pape

MULLE



Dr Harald Seidler



Current situation in Germany

- More than 120 Cl clinics in Germany
- Surgical treatment important, but not everything
- High-quality implantation, but problematic phase of patient-rehabilitation care?
- Patient meets surgeon several days, but lifelong care by rehab team is crucial
- Approximately 5,000 surgeries in 2017 and a total of approx. 50,000 CI users in Germany
- Advantage of near-home care. What about quality of care?



Rehabilitation of hard-of-hearing / deaf patients

- Listening is exhausting = hearing stress
- Does the patient manage the daily routine or not?
- After-work activities (evening), social withdrawal?
- Avoidance strategies (who is on the phone? ...)
- However, hearing aid options and CI tools are often not trained and therefore not used! (Remote control, programs ...)
- Higher professional communication requirements for multimedia systems
- Communication problems often cause difficulties in the workplace and the social environment



Our CI-Team engineers



Dipl.-Ing. Ahmed Bellagnech



M.Sc. Lilian Rusczyk

- Close cooperation with speech therapists; audio therapists
- psychologists, physiotherapists, sports therapists, music therapists, social workers
- => daily optimization of the CI setting
- Regular team meetings, case management



3 Pillars of rehabilitation

Improvement of communication skills

Acceptance of one's own hardness of hearing

Psychovegetative stabilization

Why Daily CI setting

- With every CI setting we offer new sounds to the CI user in small steps. These sounds seem strange at first.
- The goal is for the CI user to get used to these new sound impressions by wearing the CI on a daily basis.
- Light tones are usually perceived as unpleasant at the beginning. In order for the CI user to become accustomed to these important frequencies, the threshold is increased daily, step by step, with the aim of achieving very good dynamics.
- At first, CI users respond sensitively to volume. What is perceived as "loud" on the first day can already be perceived as "too quiet" on the following day.



Modern rehabilitation concept Bosenberg

- High-quality specialist rehabilitation is necessary today
- High technical and personal expertise necessary
- Accessibility requires a lot of effort
- This can only be economically represented in large specialized facilities
- Rehab is not a rest home, but rather a gym for the ears
- Educational concepts of communicating information for CI users efficiently
- Everyday life is quality control of rehabilitation concepts by health insurance and evaluation portals of rehabilitation clinics





Hearing training groups daily differentiation by hearing status

- Set to changing call partners
- Improvement of the own articulation with Feedback from the group. How am I understood?
- Recognizing and respecting the communicative needs of others
- Listening with and without technical accessories
- Holistic communication, watching, hearing tactics, discussion structure, feedback









Concept music therapy in CI rehabilitation

- After implantation 70% of patients sometimes or rarely hear music (Pflug 2010)
- 100% of the patients recognize the rhythm, only 50% the melody (S Mirza *, SA Douglas, P Lindsey 2003)
- Build resources
- Significant increase in attention span and training time in rehab
- Rhythmic and melodic training
- Awaken old memories of music
- (Dancing) can become an additional resource
- Cl Choir
- relaxation training



(mobile) phone training

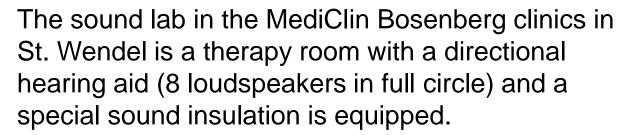
- With / without subject specification
- Known / unknown topic
- With / without technical accessories
- with mobile / cordless phones
- •Minimize the fear of not understanding on the phone
- T-coil (inductive hearing with CI)





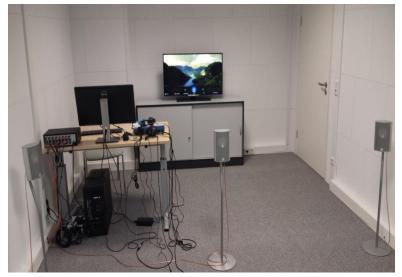
Our Sound lab is a therapy room





Professional simulations for more than 100 professional situations.





Target of Rehabilitation

The goal of Bosenberg:

80% of CI users should be re-integrated into the profession within 3 months

Through optimal REHAB process
Reducing the total costs for reintegration!

Thank you for your attention!

- Harald.Seidler@mediclin.de
- www.mediclin.de

