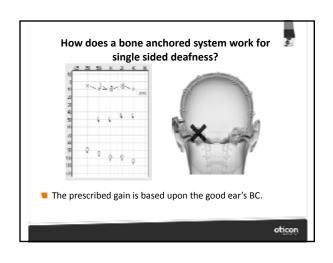
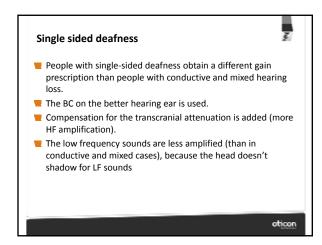
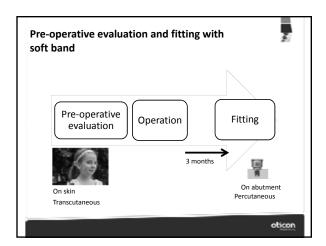


## Acoustic neuroma tumors Sudden deafness Sudden deafness Neurological degenerative disease Genetics Ototoxic treatments Inner ear malformation Trauma

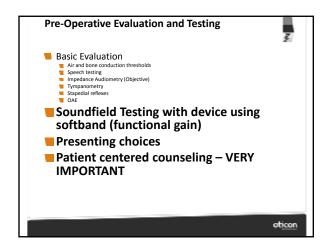
#### Clinical Aspects Single Sided Deafness • For adults: Difficulties to understand in group conversations, or with noise. Difficulties to localize sounds, Difficulties to understand a person situated on the deaf side. • For children: School handicap.

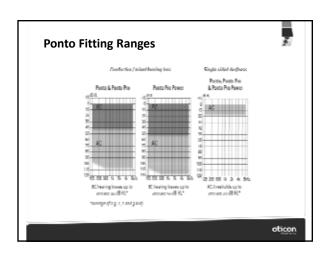


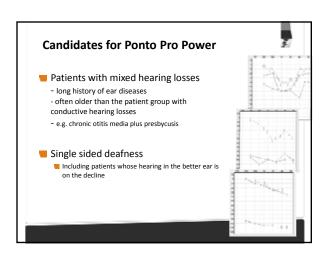


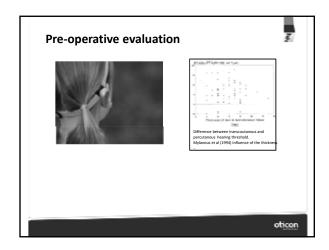


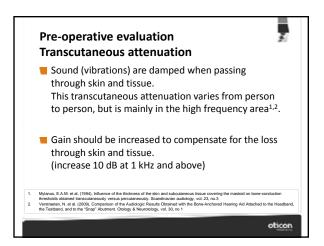
# FAQ's regarding the Bone Anchored System What will be implanted in my head? – The fixture that is implanted in the skull bone is only 3-4 mm and the abutment which attaches to the implant can hardly be seen behind the ear Does it hurt? – No. Surgery takes 30-60 minutes, is mostly performed under local anaesthesia and the patient can go home after How long will it take until I get my sound processor? – Approximately 3 months, the time for the implant to integrate with the skull bone. This process is called osseointegration Can you see the sound processor behind the ear? – It depends on your hair, if your hair is very short it will show a little, with longer hair it does not show at all

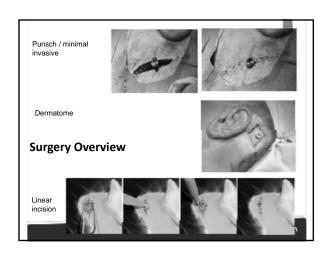


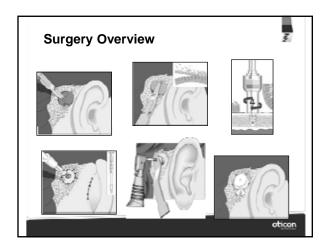












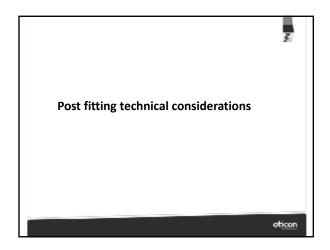
#### **EVALUATION AND TESTING** FITTING AND POST-ASSESSMENT

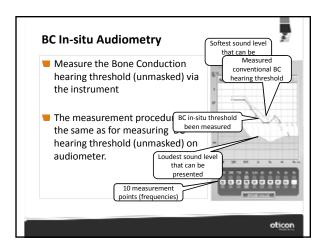


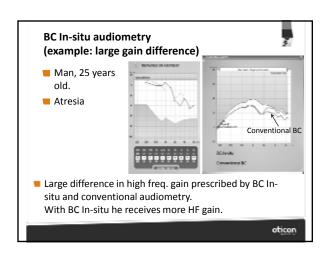
- Counseling on use of the device
- Checking of implant area for proper healing
- Warranties and Replacement
- Fitting of the device
- Soundfield Testing (functional gain)
- Leave with a SMILE!!!

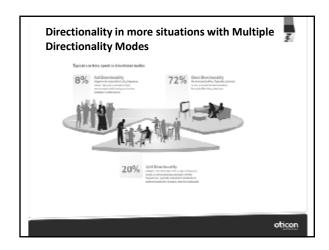
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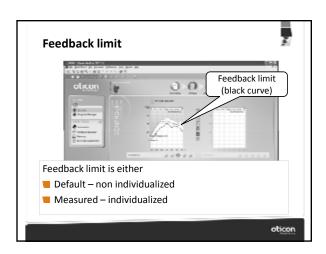


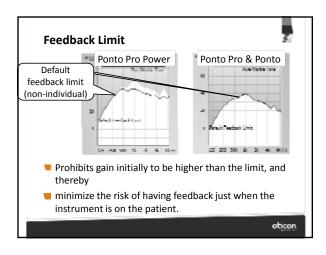


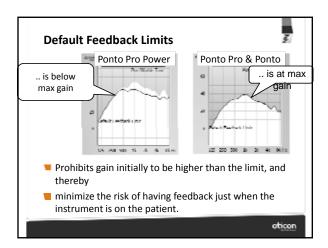


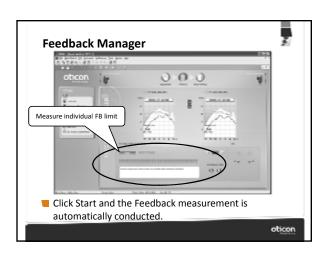


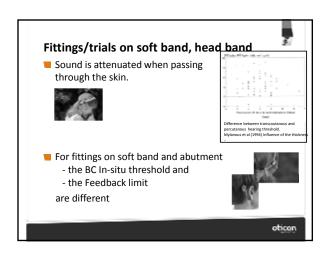






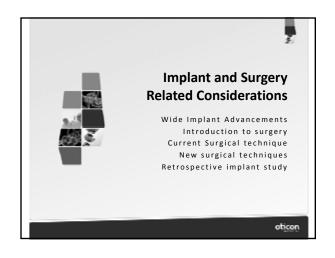


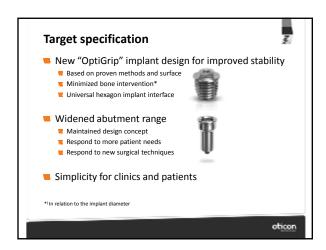


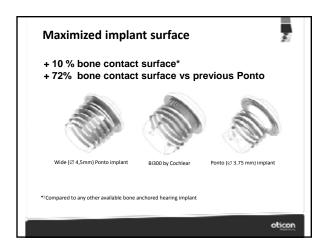


## Patients' with mixed HL reactions - immediately when they are fitted Some may find Ponto softer/weaker than their previous instrument, but at the same time it is easier to understand speech with Ponto. The patients won't experience the full benefit from the advanced signal processing until they come into challenging listening environments. Generally – for all patient groups - we don't see a big need for fine tuning the instruments.

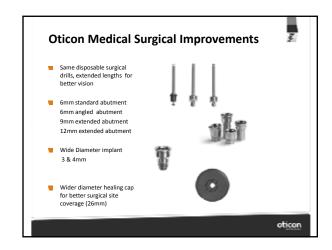
## Single-sided deafness patients' reactions - immediately when they are fitted "It sounds clearer", and some tell there is less noise in the instrument. Some patients with Single-sided Deafness wonder whether the instrument is loud enough while in the fitting room. Careful not to increase LF, as it will deteriorate their speech understanding in noise (upward spread of masking).

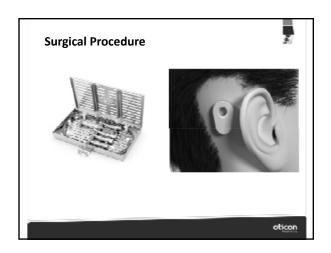


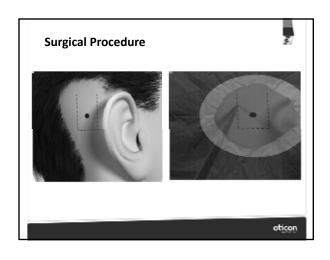


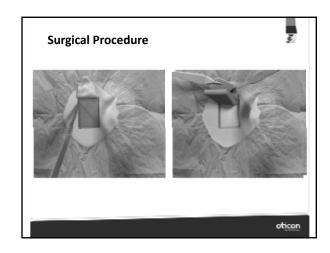


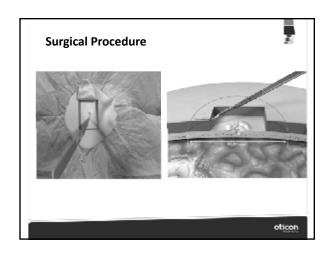


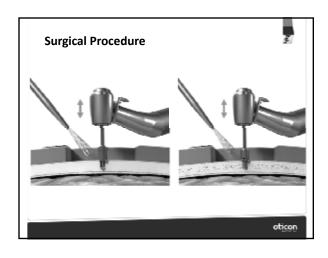


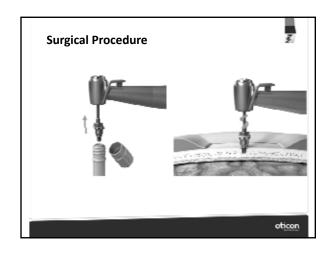


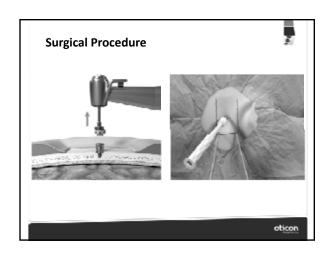


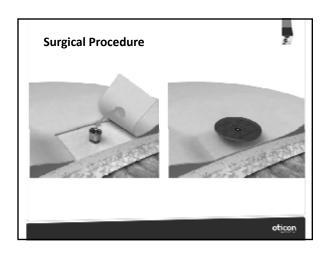


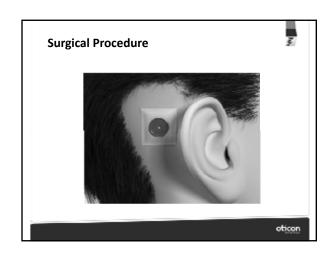


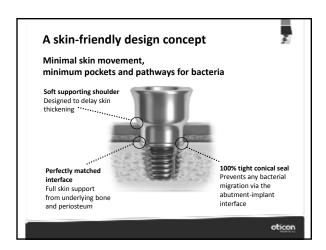


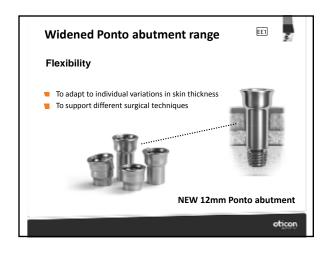












#### Slide 66

#### EE1 Could be blue or sand colored

got\_eve, 12/13/2011

