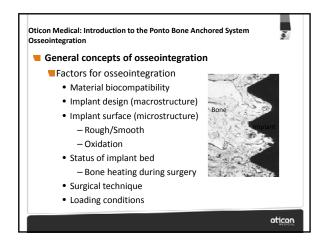
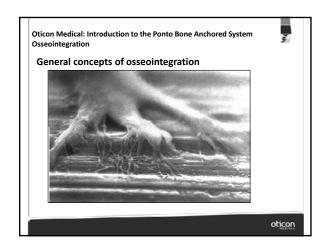
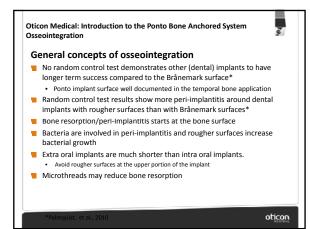


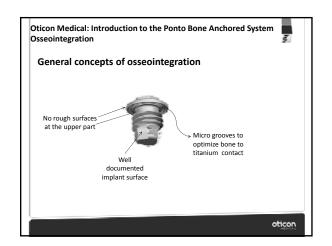
Oticon Medical: Introduction to the Ponto Bone Anchored System Osseointegration

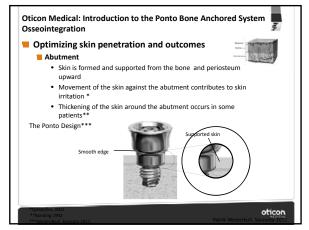
General concepts of osseointegration
Statistics for Implants in temporal bone
94% success rate
4 4% failures due to trauma
- Trauma to implant/abutment site
3 3% failures due to other reasons
- Infection
- Skin overgrowth
Conclusions
• Temporal bone anchored implants are safe and effective

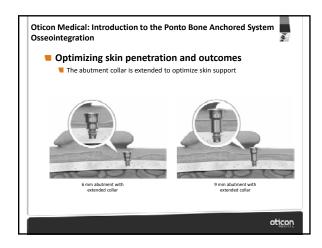


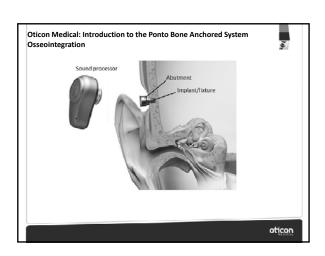


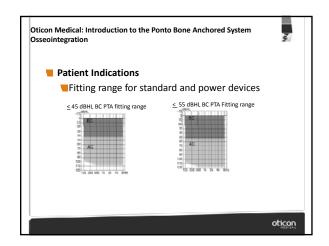


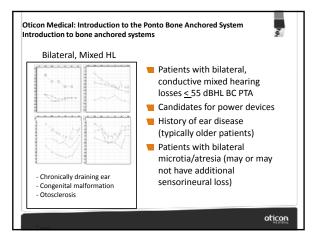




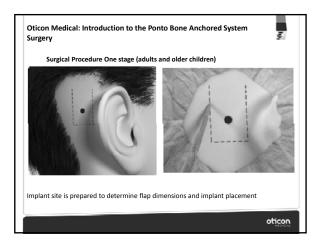


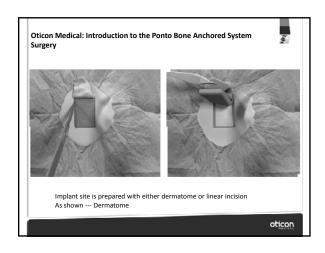


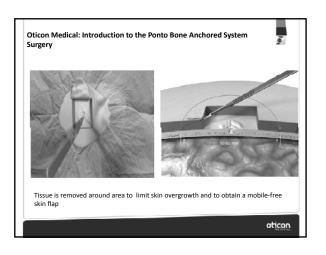


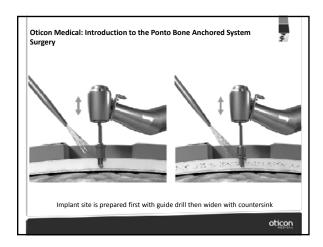


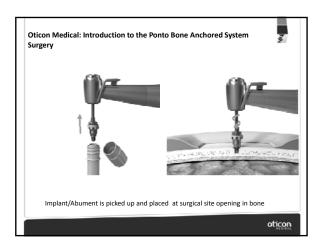


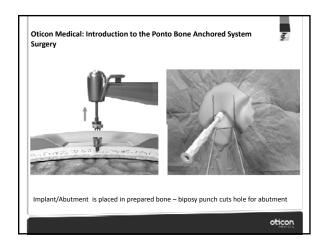


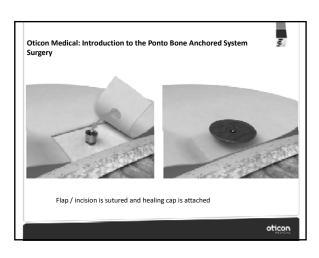


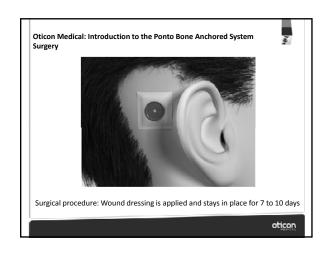


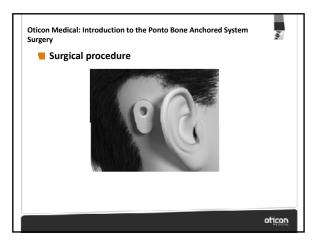


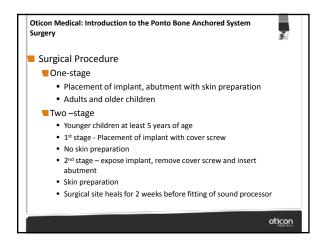


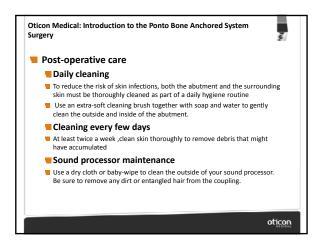




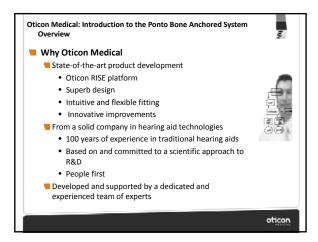


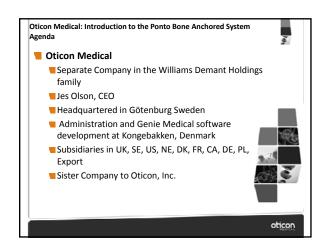


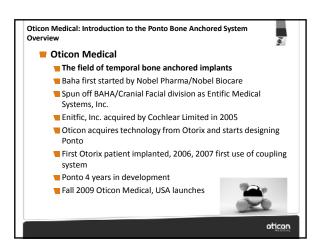


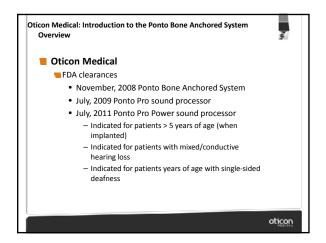


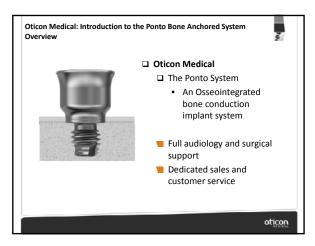




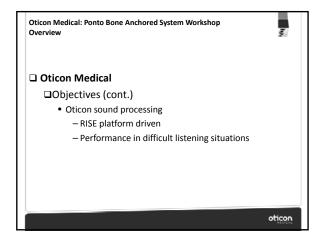








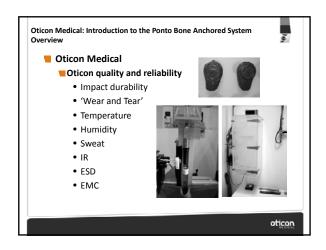
Oticon Medical: Ponto Bone Anchored System Workshop Overview Oticon Medical Objectives To bring the advantages of advanced sound processing and instrument design to bone anchored hearing device users through innovative design and competition Competition Patient choice - Customer service - Drive innovations • "People First" –design with a purpose Aesthetics User friendly ■ Built to last oticon

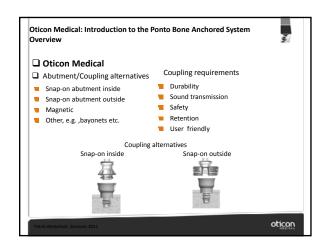


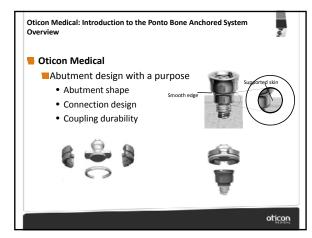
Oticon Medical: Introduction to the Ponto Bone Anchored System
Overview

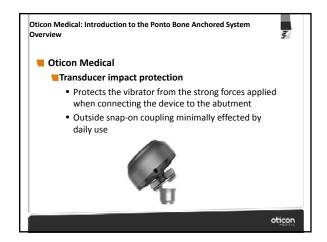
Oticon Medical
People living active lifestyles need durable, reliable devices

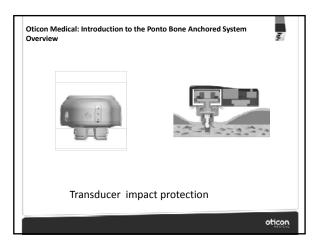
Discrete
Easy to use
A wear-resistant coupling
Nano-coating protection against moisture and dirt
Smart battery management
Tested from top to bottom





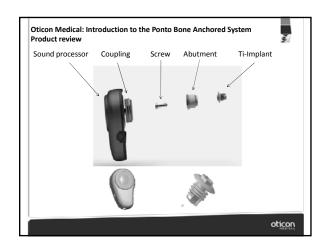


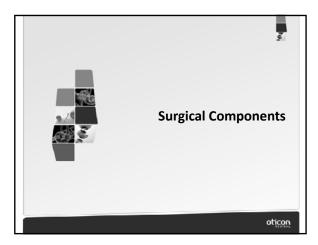


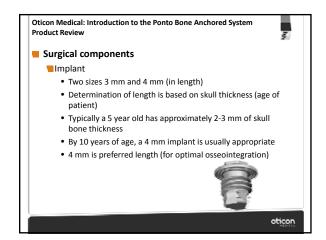


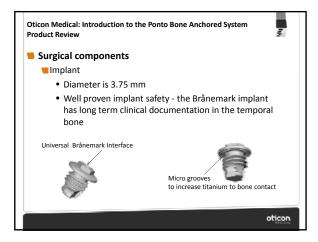


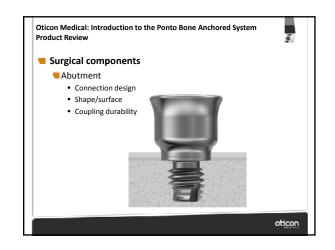


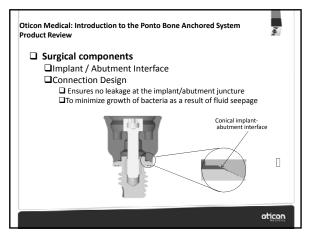


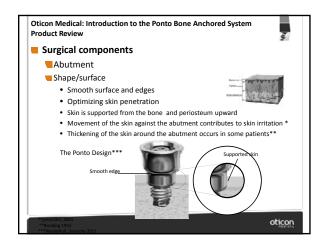


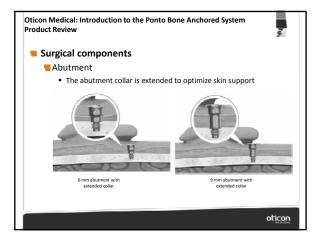


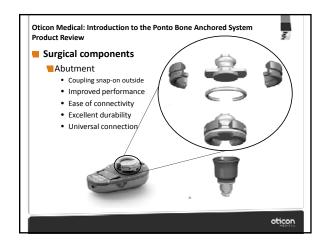


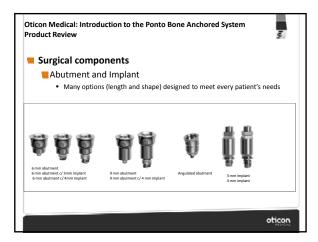


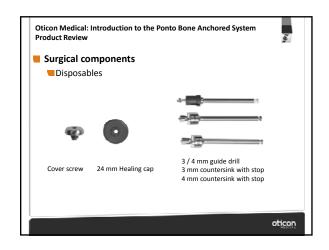


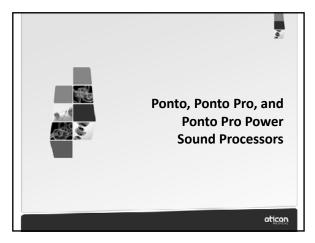


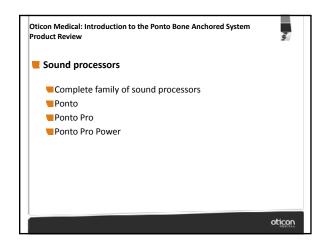


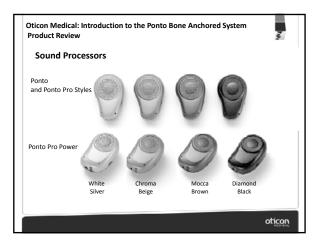


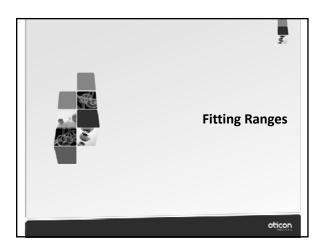


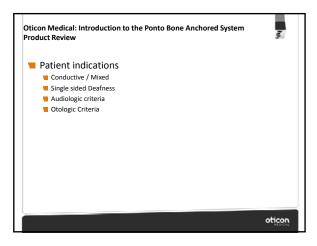












Oticon Medical: Introduction to the Ponto Bone Anchored System Product Review

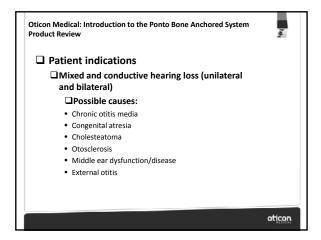
Patient indications

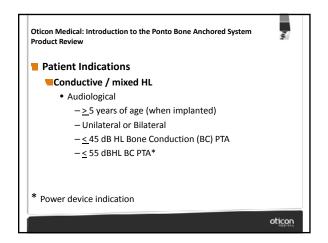
Bone anchored hearing systems (BAHS) are intended for patients with conductive/mixed hearing loss

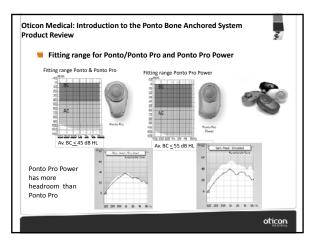
Otological indications:

Patients not appropriate for surgical correction of conductive hearing loss or are unable to use conventional air conduction hearing aids

Patients who are indicated for use of a bone conduction hearing aid but prefer not to wear one; the BAHS is more comfortable than conventional, tight headband



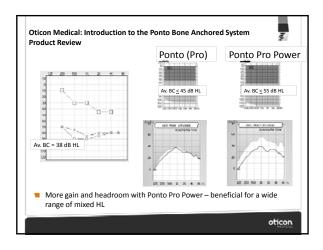




Oticon Medical: Introduction to the Ponto Bone Anchored System Product Review

■ Patient indications
■ Bilateral conductive/mixed indications
■ Audiological indications
■ 2 5 years of age (implanted)
■ 4 5 dBHL BC PTA
■ 5 5 dBHL BCPTA\*
■ Symmetrical bone conduction thresholds defined as less than 10 dB difference in average or less than 15 dB at individual frequencies (0.5, 1, 2, and 4Khz)

\*Power device indication



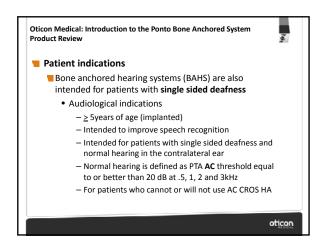
Oticon Medical: Introduction to the Ponto Bone Anchored System Product Review

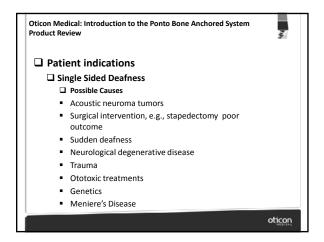
Audiological criteria for Ponto Pro Power
≤ 55 dBHL BC PTA

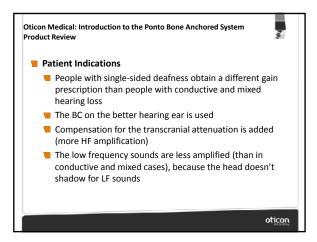
Intended for greater hearing losses, e.g., Mixed

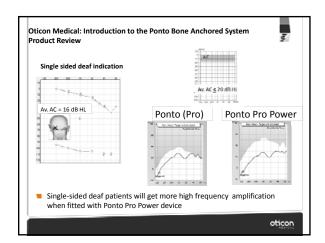
Air-to-Bone Gap > 30 dB = > Oticon Medical Ponto system is a better solution than a traditional HA\*

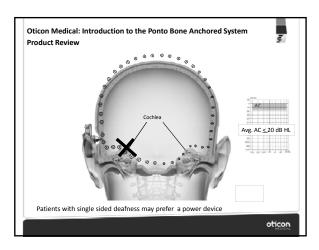
\*\*Stik, Al. 2005

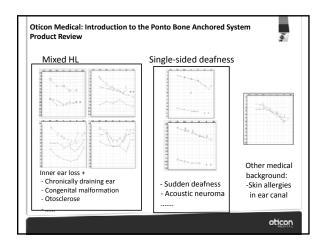


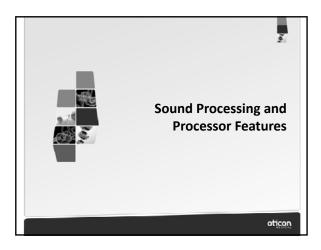


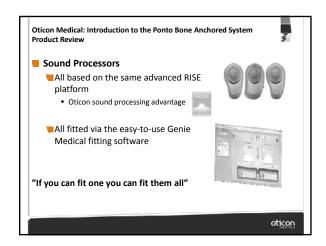


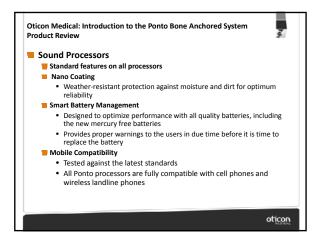


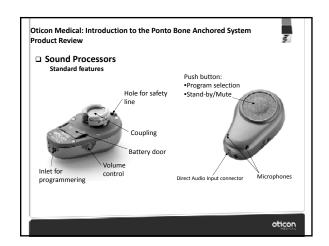


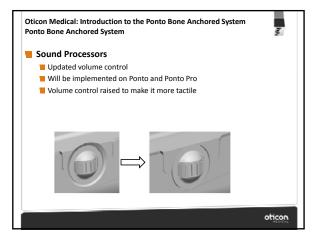


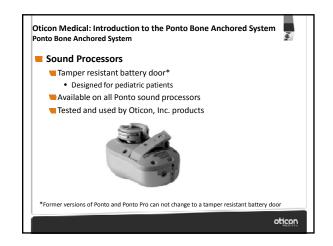


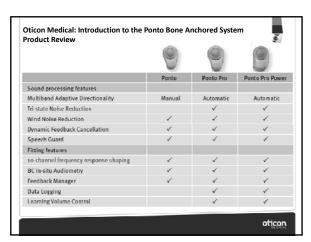


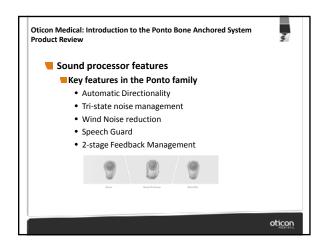


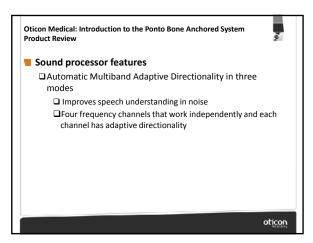


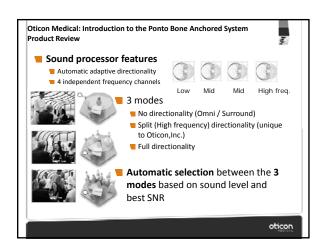


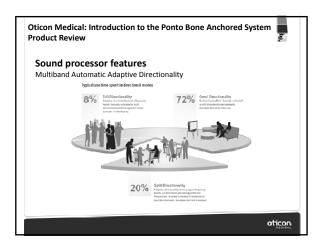












Oticon Medical: Introduction to the Ponto Bone Anchored System Product Review

Sound processor features

Multiband Automatic Adaptive Directionality

Discount of the Ponto Bone Anchored System Product Review

Multiband Automatic Adaptive Directionality

Data Logging demonstrates how often Ponto processor is in one of the three modes

Oticon Medical: Introduction to the Ponto Bone Anchored System Product Review

Sound processor features
Multi-band automatic adaptive directionality
Advantages
No need to manually change program to get the benefits of directionality
More directionality
Green directionality more often because of spilt directionality mode
Benefits
Better speech understanding in both noisy and less-noisy listening situations

