Conductive Hearing Loss

The conductive component is bypassed with a Sophono system. The greater the Air-Bone gap, the greater the functional gain that can be expected.

Mixed Hearing Loss

The Sophono sound processor is approved for up to 45 dB hearing loss with ideal candidacy up to 35 dB. Patients with hearing loss greater than 35 dB candidacy should be carefully evaluated for the Sophono system.

Single-Sided Deafness (SSD)

The better ear should have normal hearing (≤ 20 dB). Sound is received on the poorer hearing side and is then transferred to the better functioning cochlea on the opposite side. This configuration eliminates the head shadow effect.

Candidacy Evaluation

- Pure-tone audiometry (BC and AC, recommended 0.5, 1, 2, and 3 KHz)
- Speech audiometry
- Sound field candidacy evaluation with headband/softband
- Consider age appropriate audiometry testing such as play audiometry and VRA
- Ensure patients are counselled appropriately and have realistic expectations
Rx only. Refer to product instruction manual/package insert for instructions, warnings, precautions and contraindications.

For further information, please call Medtronic ENT at 800.874.5797 or consult Medtronic’s website at www.medtronicent.com.

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