

Baha 3 Sound Processor (BP100)



Baha 3 Power Sound Processor (BP110)

The Cochlear Baha System was the world's first implanted hearing treatment that works by combining a sound processor with an abutment and a small titanium implant placed in the skull bone behind the ear. The system is based on a process of "osseointegration" through which living tissue integrates with titanium. Thus, the titanium implant becomes one with the bone, allowing sound to be conducted via the skull directly to the cochlea. This is known as direct bone conduction.

Because the ear canal and middle ear are bypassed, it provides an attractive alternative to those who cannot be helped by air-conduction hearing aids due to damage in those areas. Baha also can be used as an alternative to CROS hearing aids by transmitting sound from the deaf ear across the skull to the normal hearing ear on the opposite side.



**The Baha System may be an effective solution for people with the following types of hearing impairment:**

- Mixed hearing loss;
- Conductive hearing loss;
- Single Sided Deafness (SSD);
- Hearing loss where air-conduction hearing aids are not an option due to conditions of the ear canal or middle ear.

## Guidelines for Referral

### A. Unilateral Sensorineural Hearing Loss/Single Sided Deafness (SSD)

#### Criteria for Baha:

- Unilateral deafness hearing loss in the implanted ear;
- Hearing in contralateral ear is better than or equal to 20 dB HL (averaged across 0.5, 1, 2, and 3 kHz).

### B. Mixed & Conductive Hearing Loss Unilateral or Bilateral Fitting

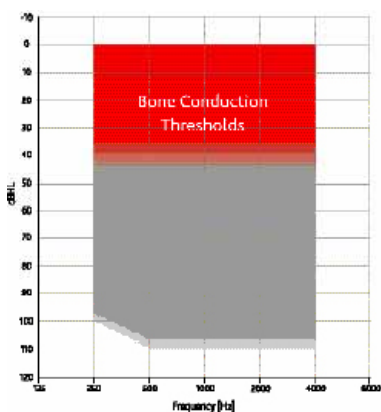
#### Criteria for Baha 3 (BP100) and Baha 3 Power (BP110) Head-Worn Sound Processors:

- The average bone conduction threshold of the indicated ear should be within the shaded area (see audiograms below);  $\leq 45$  dB HL for Baha 3 (BP100) and  $\leq 55$  dB HL for the Baha 3 Power (BP110) averaged across 0.5, 1, 2 and 3 kHz. Air-conduction thresholds can extend into the lighter shaded areas.
- For bilateral fitting, the criteria is symmetric bone conduction thresholds [i.e., there is less than a 10 dB difference on average across 0.5, 1, 2, and 3 kHz, or less than 15 dB difference at individual frequencies].

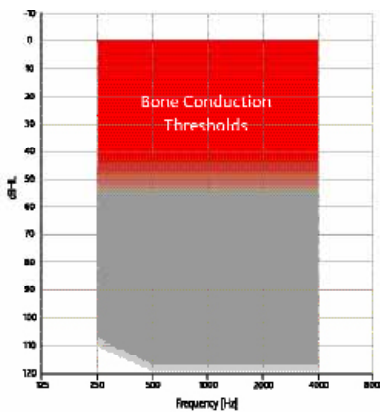
#### Criteria for the Baha Cordelle II bodyworn device:

- The average bone conduction threshold of the indicated ear should be within the shaded area indicated in the audiogram below;  $\leq 65$  dB HL (averaged across 0.5, 1, 2 and 3 kHz). Air-conduction thresholds can extend into the lighter shaded areas.

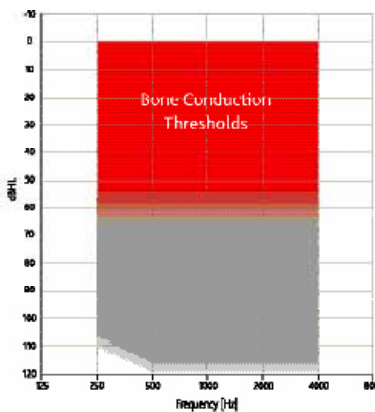
Baha 3 (BP100)



Baha 3 Power (BP110)



Baha Cordelle II



**\*NOTE:** The Baha implant is indicated for children aged 5 years and older. Younger children can, however, be fitted with the Baha Sound Processor on a Softband or headband.

# How the Cochlear™ Baha® System Works

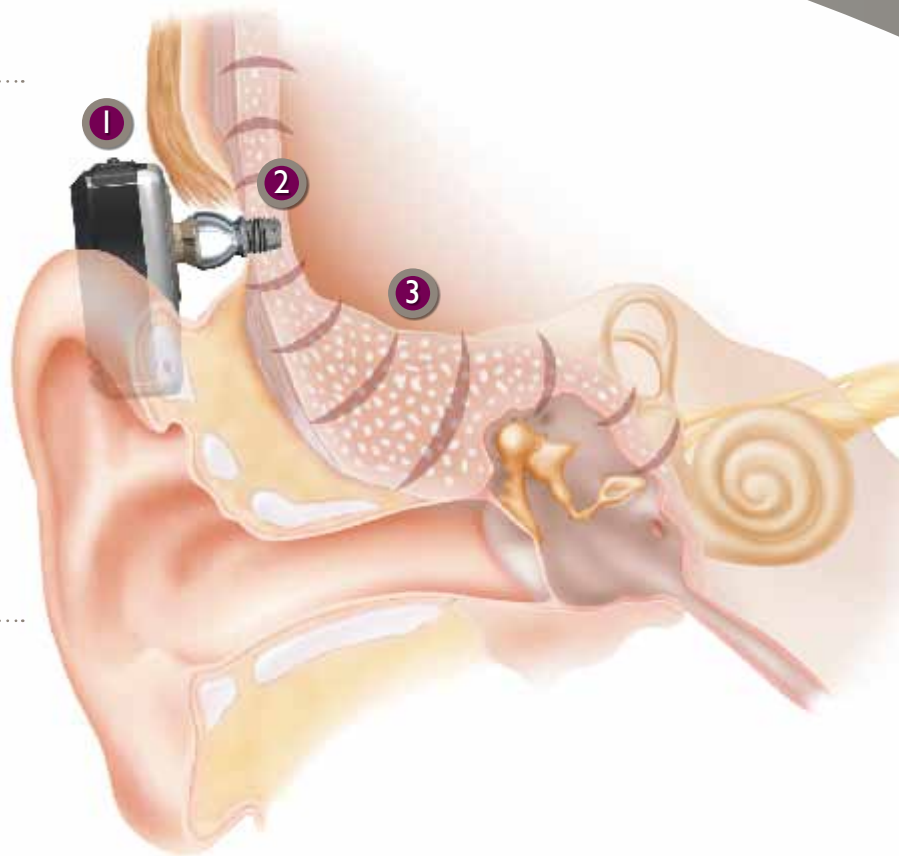
For Conductive or Mixed Hearing Loss or Single Sided Deafness (SSD)



Baha 3 Sound Processor (BP100)

Baha 3 Power Sound Processor (BP110)

- 1 Sound waves are received by the Baha sound processor and changed into vibrations.
- 2 Vibrations from the sound processor are transferred from the abutment to the titanium implant.
- 3 The implant uses direct bone conduction to transfer the sound vibrations to the functioning cochlea.



You may be a good candidate for a Baha system if you answer **yes** to any of these questions:

- ✓ Do you have trouble getting sufficient loudness when using hearing aids?
- ✓ Do you battle feedback or distorted sound quality?
- ✓ Do you have draining ears?
- ✓ Do you have malformed ears or ear canals?
- ✓ Do you suffer from sore or irritated ears due to your ear molds?
- ✓ Can you only hear from one side?

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*Not everyone with hearing loss is a candidate for a Baha. All surgical procedures include an element of risk, and it is impossible to guarantee success. For complete information regarding the risks and benefits of a Baha procedure, please refer to the Instructions for use for the Baha implant, available at [www.CochlearAmericas.com/BahaIndications](http://www.CochlearAmericas.com/BahaIndications)*



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Hear now. And always

