



Bone Anchored Hearing Aids (BAHA)



What is a Bone Anchored Hearing Aid (BAHA)?

A device that transmits the sound through the bone of the skull directly to the cochlea, bypassing the outer and middle ear. Children have a surgical procedure to fit an abutment in the skull or a magnet underneath the skin so the BAHA can be positioned onto the head. Children often have a period of time with a BAHA on soft band before surgery.



Daily check list

- Check the device is working – Hold the device in your hand and if working it will make a screeching sound and vibrate when it is picking up sound.
- A safety line can be attached from the device to the child's clothing by a clip to ensure it is not lost if it detaches from the fitting or magnet.
- Ensure there is not too much hair underneath the magnet or around the abutment when the device is on.

How to change the battery.

- Take the device and open the battery door positioned at the bottom of the device (2). Tip out the old battery and dispose of this appropriately.
- Take a new battery from the pack and remove the sticker.
- Positioned the battery into the battery compartment of the device.
- Close the door.
- Wait for the device to vibrate in your hand and listen for a screeching sound.



Attaching the sound processor device to the head

- **Magnet:** Make sure that the marking on the magnet is facing upwards and place the magnet and sound processor over the implant positioned behind the ear tilting it onto the head.
- **Abutment:** Simply line up the clip on the back of the device to the abutment, attach the processor at a slight angle, tilting or rocking it into place.
- Ensure that the hair is out of the way. The tilt technique reduces the pressure on the abutment and prevents any discomfort. Do not push the sound processor straight in.



Removing the sound processor from the head

- **Magnet:** Grasp the sound processor with the magnet placing one finger under the sound processor and gently tilt until it releases.
- **Abutment:** Move the hair away, slide a fingertip under it, and gently tilt it until it snaps off. Never pull it straight out.

Other resources

www.berkshiresensoryconsortium.co.uk
www.ndcs.org.uk
www.cochlear.com/uk, www.oticonmedical.com

Related Sheets

Bone Conduction Hearing Aids (BCHA)
 Glue Ear
 Microtia