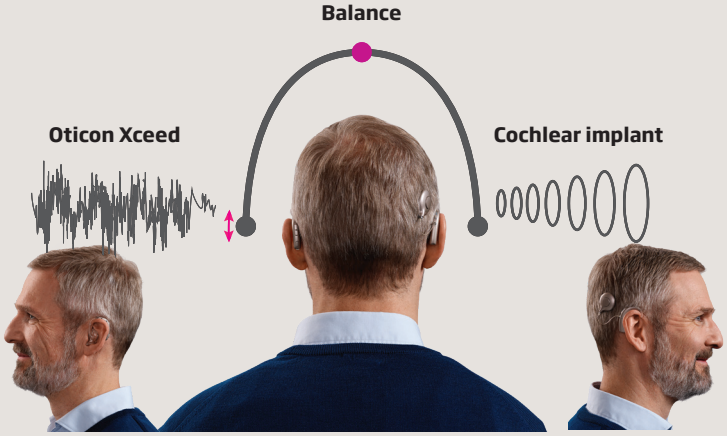
Oticon Genie 2

Give your clients the best of both worlds

Supporting the transition to combined technologies

Although all patients with residual hearing in the non-implanted ear can be considered bimodal candidates, finding the right balance when you fit a hearing aid to support a cochlear implant (CI) can be tricky. In a bimodal fitting, one ear is stimulated electrically and the other acoustically, requiring a flexible fitting approach. Oticon provides clear guidelines and tools in Oticon Genie 2 fitting software to enable quick, easy and accurate bimodal fittings.



Bimodal hearing supported by OpenSound Navigator™

Optimized bimodal hearing maximizes the effectiveness of a CI while unlocking the full potential of a supporting hearing aid. Oticon's unique 360° hearing technology OpenSound Navigator attenuates unwanted noise and continually rebalances the soundscape while still providing constant access to all relevant sounds and speech. This enables improved ability to hear speech in noise as well as reduced listening effort which empowers users to participate in social activities.

OpenSound Navigator is available in all Oticon premium hearing aid product families and can be used to enhance the listening experience together with any CI as part of a bimodal fitting. You can adjust the OpenSound Navigator settings via the YouMatic™ LX in Genie 2 to suit your client's individual needs and preferences.

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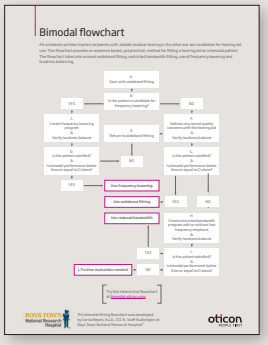
Easy fitting tools ensure a better match

Intuitive flow chart, developed by expert



Oticon Genie 2 fitting software now includes a bimodal fitting tool with an intuitive flowchart. Developed by Carisa Reyes, AuD, CCC-A, at Boys Town National Research Hospital in the USA, the flowchart guides you through the process of programming a hearing aid to work with a CI[1]. This begins with a wideband fitting and moves logically through each assessment stage, enabling you to shape the ideal balance between gain and frequency response for each patient.

Manage your bimodal fittings with confidence

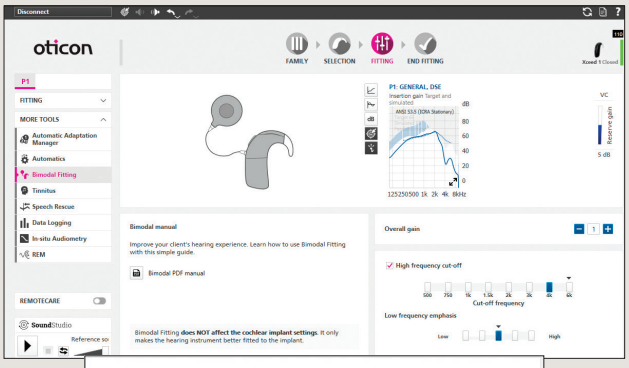
Compatible with Oticon Opn S™, Opn Play™, Xceed and Xceed Play, the fitting panel in Genie 2 has been updated to include an overall gain trimmer. This fitting panel allows you to precisely adjust the hearing experience to the preferences of your patients. Dedicated handles let you quickly and easily implement fine tuning suggestions from the bimodal fitting flowchart using two complementary tools: Bimodal Fitting and Speech Rescue™ LX.

Giving kids the best start in life

Bimodal stimulation for children with severe to profound hearing loss has been shown to improve language acquisition[2]. The combination of acoustic and electric stimulation can also benefit children in their musical perception and ability to hear speech in noise[3]. This in turn has the potential to enhance learning and improve quality of life, which is why Oticon has made bimodal fittings available in our dedicated pediatric hearing aid product families, Oticon Opn Play and Xceed Play.

Bimodal Fitting and Speech Rescue LX

The Bimodal Fitting tool features a practical overall gain trimmer and a set of handles to perform restricted bandwidth fitting and adjust low frequency emphasis. The Speech Rescue LX Fitting tool is used to optimize the audibility of high-frequency sounds in a wideband fitting. Used together, these tools support you in optimally fitting the hearing aid to best complement the implanted ear.



[1] Reyes, 2016, Bimodal Hearing Aid Fitting Guidelines, Oticon whitepaper

[2] Nittrouer, S., & Chapman, C. (2009). The effects of bilateral electric and bimodal electric–Acoustic stimulation on language development. Trends in Amplification, 13(3), 190-205.

[3] Shirvani, S., Jafari, Z., Motasaddi Zarandi, M., Jalaie, S., Mohagheghi, H., & Tale, M. R. (2016). Emotional perception of music in children with bimodal fitting and unilateral cochlear implant. Annals of Otology, Rhinology & Laryngology, 125(6), 470-477.
Ching, T. Y., Incerti, P., Hill, M., & van Wanrooy, E. (2006). An overview of binaural advantages for children and adults who use binaural/bimodal hearing devices. Audiology and Neurotology, 11(Suppl. 1), 6-11.

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