

The new Baha 4 system. Why innovations in a bone conduction system lead to better outcomes for your patient

Niels van Druten, Cochlear Benelux, Mechelen
(NvanDruten@cochlear.com)

In recent years, the Cochlear Baha system has gone through a rapid acceleration of technological innovation. It is important that these innovations lead to better outcomes for the patient in 3 domains: hearing performance, ease of use and esthetic outcomes. The recently introduced Baha 4 system consists of two types of connections: 1) through the traditional percutaneous abutment (Baha Connect) and 2) through a transcutaneous magnet connection (Baha Attract). Fundamental scientific research has been the basis for these innovations in order to prove the audiological and medical outcomes for the patients on the long term. This presentation will give insight in the scientific work behind the technological developments of the Baha 4 system on hearing outcomes with the Baha 4 sound processor including true wireless capabilities, the medical outcomes of the Baha Dermalock abutment and the road to the development of the Baha Attract system, based on research and development in house and with our strategic partners.