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Clinical Study on the Efficacy of Open Ear Hearing Aid Glasses

People with mild-moderate hearing loss have low adoption rates for hearing aids, due to stigma, discomfort, and poor function in noisy environments. For these people, EssilorLuxottica developed Nuance AudioTM Glasses. These glasses are first-of-its-kind hearing aids offering discreet hearing technology embedded in highend optical frames. The glasses incorporate a set of microphones and advanced beamforming capabilities designed to improve signal-to-noise ratio (SNR). The sound is transmitted through directional speakers without any object entering the ear, providing natural and discreet open-ear sound.

In this talk we will present the outcomes of a clinical study that tested the efficacy of Nuance Audio Glasses that was conducted at the National Acoustics Laboratories (NAL) in Australia. The aim was to evaluate how the glasses provide hearing assistance and help people converse in daily situations. This is the first time these results will be presented in Europe.