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REMarkable Improvements in Verification to Optimize Patient Outcomes

The (re)introduction of nonlinear amplification, noise management, and other advanced hearing aid features provided opportunities for innovation in the development of noise- and ultimately speech-based test stimuli for use in verification of hearing performance. Many audiologists immediately adopted REM into best clinical practice, but in many markets, adoption rates remain stubbornly low to this day. REM manufacturers, researchers, and hearing aid manufacturers continue to improve ease-of-use, efficiency, and precision to gain greater market acceptance. This session will focus on recent advances, in terms of "automatic" REM target matching to both manufacturer-specific and independent (e.g. NAL NL2, DSL I/O) verification targets, separate "targets" for streamed versus non-streamed signals, acoustic optimization of vent and microphone location effects (MLE), all with the goal of optimization of patient outcomes. Results of recent studies will be discussed, as well as a glimpse into future developments. Audience participation is encouraged!