

Mind Over Matter: Cognitive Factors in Prosthesis Success
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Older listeners with hearing loss have unique communication needs that dictate the practical and theoretical decisions concerning amplification. Recent research has suggested that the optimal hearing aid signal processing parameters might differ based on the cognitive resources of the patient. This translational talk will explore use of cognitive testing (working memory) and the relationship between working memory and communication. We will discuss how auditory and cognitive differences among patients affect response to specialized amplification processing, such as frequency lowering. We will also consider the feasibility of incorporating such measures as part of the clinical hearing aid selection process.