

Dear colleagues,

I invite you to read the fourth number of the *Journal of Hearing Science* for 2020. This issue ranges widely over seven original papers and two case studies. The first original paper covers the morphology of the planum temporale, derived from processing of MRI scans, and the interest here is that the planum temporale is a structure that is thought to be a secondary grey matter area for auditory processing. A subsequent paper compares cortical auditory evoked potentials and narrow-band chirp auditory steady state potentials as a way to objectively measure hearing thresholds. Two more papers involve studies of cochlear implants – one that compares behind-the-ear and single-unit CI audio processors in a large group of patients, and another on vestibular symptoms which arise after implantation. There is also a study of a method that is currently gaining a high level of interest among researchers and clinicians – wideband absorbance tympanometry. This paper looks at the effect of abnormal positive and negative middle ear pressure on wideband absorbance. The interest here is that the abnormal conditions arose naturally in the patients, so they have high clinical relevance.

The issue concludes with two interesting case studies of audio-vestibular findings in an adult with Arnold-Chiari malformation and audiological measurements in a case of traumatic brain injury.



With kind regards and greetings,

Prof. Henryk Skarzynski, M.D., Ph.D., Dr.h.c.multi

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