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Sincerely,

Lawrence R. Lustig, MD
Editor-in-Chief

Robert S. Hong, MD, PhD
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The Growing- and Now Alarming-Burden of Hearing Loss Worldwide

“The half a billion people now suffer from disabling hearing loss (pure tone average of 35 dB or worse) worldwide.”

“Hearing loss is now the fourth leading cause of years lived with disability (YLDs) worldwide.”

Pain Free 3 T MRI Scan in Cochlear Implanteees

Cochlear implant with rotatable, diatomic internal magnet.

Changes position relative to applied external magnetic field.

Audiometric Outcomes Following Endoscopic Ossicular Chain Reconstruction

Retrospective Case Series
Follow-up > 6 months postop

PORF (n = 23): ABG = 13.8 dB
TORP (n = 8): ABG = 15.9 dB

PORF (n = 19): ABG = 16.7 dB
TORP (n = 12): ABG = 17.2 dB

Bone Density Development of the Temporal Bone Assessed by Computed Tomography

Regional differences in temporal bone maturation may influence differences in spreading pattern of acute mastoiditis in individuals of different ages.

Cochlear Implant Associated Labyrinthitis: A Previously Unrecognized Phenomenon With a Distinct Clinical and Electrophysiological Impedance Pattern

Retrospective review (N = 5)

“Labyrinthitis” occurs months to years after cochlear implantation

Acute onset of dizziness

Subacute performance deterioration

Persistent impedance pattern

All patients reported improvement in symptoms and stabilization of electrode impedances.

The Seasonal Variation of Benign Paroxysmal Positional Vertigo

Incidence of BPPV
(N = 310; retrospective review)

January to June
(low serum vitamin D)

July to December
(high serum vitamin D)

Decline of Low-Frequency Hearing in People With Ski-Slope Hearing Loss: Implications for Electrode Array Insertion

More stable if etiology due to single or short-lasting event

Faster decline if etiology due to long-lasting condition

Consider complete cochlear implant insertions for otolologies with faster deterioration of low-frequency hearing.

Value of T1-weighted Magnetic Resonance Imaging in Cholesteatoma Detection

Imaging criteria for cholesteatoma

N = 57 ears suspected of cholesteatoma (retrospective review)

- Non-EP DW: sensitivity = 65.5%; specificity = 63.6%
- Non-EP DW + T2W: sensitivity = 85.1%; specificity = 100%

Tucci et al., Otol Neurotol. Dec 2017
www.otology-neurotology.com

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Yaron et al., Otol Neurotol. Oct. 2017
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