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## Subject Index

### ANATOMY AND PHYSIOLOGY

Musiek FE, Reeves AG. (1990). Asymmetries of the Auditory Areas of the Cerebrum. 1:240-245

*Key Words: Heschl's gyri, planum temporale, Sylvian fissure, asymmetry*

### AURAL REHABILITATION

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*Key Words: Hearing disorders, aged*

McCarthy PA, Montgomery AA, Mueller HG. (1990). Decision Making in Rehabilitative Audiology. 1:23-30

*Key Words: Decision making, quality assurance, rehabilitation, hearing disorders, self-assessment inventories*

### CENTRAL AUDITORY PROCESSING

Jerger J, Mahurin R, Pirozzolo F. (1990) The Separability of Central Auditory and Cognitive Deficits: Implications for the Elderly. 1:116-119

*Key Words: Central auditory deficit, cognitive deficit, aging, speech audiometry, central auditory processing disorder (CAPD), encephalitis, synthetic sentence identification (SSI), dichotic sentence identification (DSI)*

Jerger J, Oliver TA, Pirozzolo F. (1990). Impact of Central Auditory Processing Disorder and Cognitive Deficit on the Self-Assessment of Hearing Handicap in the Elderly. 1:75-80.

*Key Words: Central auditory processing disorder (CAPD), cognitive deficit (CD), aged, Hearing Handicap Inventory for the Elderly (HHIE), auditory diseases, central*

Musiek FE, Bromley ME, Roberts DW, Lamb L. (1990). Improvement of Central Auditory Function after Partial Temporal Lobectomy in a Patient with Seizure Disorder. 1:146-150

*Key Words: Temporal lobectomy, amygdala, hippocampus, P-300, dichotic digits, auditory evoked potentials*

Stach BA, Spretnjak ML, Jerger J. (1990). The Prevalence of Central Presbycusis in a Clinical Population. 1:109-115

*Key Words: Presbycusis, hearing disorders, central auditory disorder, aging*

## CLINICAL FORUM

Jacobson JT, Jacobson CA. (1990). Follow-Up Services in Newborn Hearing Screening Programs. 1:181-186

*Key Words: Auditory brainstem response, aural rehabilitation, follow-up services, hearing loss, high-risk criteria, newborn hearing screening*

Jacobson JT, Jacobson CA, Francis P. (1990). Congenital Hearing Loss in Jervell and Lange-Nielson Syndrome. 1:171-173

*Key Words: Jervell and Lange-Nielson Syndrome, consanguinity, congenital hearing loss, prolonged Q-T interval, cardioauditory syndrome, hearing disorders, child*

Jacobson JT, Jacobson CA, Gibson W. (1990). Hearing Loss in Stickler's Syndrome. 1:37-40

*Key Words: Stickler's syndrome, hearing disorders, hereditary*

Jerger J, Mahurin R, Pirozzolo F. (1990). The Separability of Central Auditory and Cognitive Deficits: Implications for the Elderly. 1:116-119

*Key Words: Central auditory deficit, cognitive deficit, aging, speech audiometry, central auditory processing disorder (CAPD), encephalitis, synthetic sentence identification (SSI), dichotic sentence identification (DSI)*

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*Key Words: Temporal lobectomy, amygdala, hippocampus, P-300, dichotic digits, auditory evoked potentials*

Pruitt JB. (1990). Assistive Listening Device versus Conventional Hearing Aid in an Elderly Patient: Case Report. 1:41-43

*Key Words: Assistive listening device, hearing aids, hearing disorders, aged*

Silverman CA, Silman S. (1990). Apparent Auditory Deprivation from Monaural Amplification and Recovery with Binaural Amplification: Two Case Studies. 1:175-180

*Key Words: Auditory deprivation, binaural amplification, monaural amplification, speech audiometry, speech perception, suprathreshold word-recognition ability*

## COCHLEAR IMPLANTS

Berliner KI. (1990). 3M/House Cochlear Implant in Children. 1:4-6

*Key Words: Cochlear implant, child, profound deafness, perception, speech production measurement*

Danhauer JL, Ghadially FB, Eskwitt DL, Mendel LL. (1990). Performance of 3M/House Cochlear Implant Users on Tests of Speech Perception. 1:236-239

*Key Words: Single-channel cochlear implants, open- and closed-set word recognition, audiologic test results, speech perception*

Osberger MJ, Miyamoto RT, Robbins AM, Renshaw JJ, Berry SW, Myres WA, Kessler K, Pope ML. (1990). Performance of Deaf Children with Cochlear Implants and Vibrotactile Aids. 1:7-10

*Key Words: Single-channel cochlear implant, multi-channel cochlear implant, two-channel tactile aid, speech perception, speech production measurement*

Staller SJ. (1990). Perceptual and Production Abilities in Profoundly Deaf Children with Multichannel Cochlear Implants. 1:1-3

*Key Words: Multichannel cochlear implant, deafness, child, perception, speech, suprasegmental, spectral, age-appropriate tests*

## DIAGNOSTIC TECHNIQUES

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*Key Words: Ultrasound, sonography, A-mode, B-scan, transcranial Doppler, hearing disorders, middle ear*

Bernstein RS, Gravel JS. (1990). A Method for Determining Hearing Sensitivity in Infants: The Interweaving Staircase Procedure (ISP). 1:138-145

*Key Words: Infants, pediatric assessment, audiometry, behavioral hearing tests*

Fausti SA, Frey RH, Henry JA, Knutsen JL, Olson DJ. (1990). Reliability and Validity of High-Frequency (8-20 kHz) Thresholds Obtained on a Computer-Based Audiometer as Compared to a Documented Laboratory System. 1:162-170

*Key Words: Computer-based, high-frequency, audiometer, earphone coupling, reliability, validity*

Hall JW, Grose JH. (1990). The Masking-Level Difference in Children. 1:81-88

*Key Words: Masking-level difference, binaural hearing, children, psychoacoustics*

Jerger S, Oliver TA, Martin RC. (1990). Evaluation of Adult Aphasics with the Pediatric Speech Intelligibility Test. 1:89-100

*Key Words: Pediatric Speech Intelligibility test, fluent aphasics, nonfluent aphasics, otitis media, performance intensity, speech perception, speech audiometry*

Ochs MT. (1990). Revising the Routine Audiologic Test Battery to Examine Sources of Interpatient Variability. 1:217-226

*Key Words: Hearing disorders, psychoacoustics, central auditory processing disorder, interpatient variability*

Olsen WO. (1990). A Historical Perspective of Hearing Tests of Peripheral Auditory Function. 1:209-216

*Key Words: Hearing disorders, hearing tests, peripheral auditory function*

## AUDITORY EVOKED POTENTIALS

Hood LJ. (1990). Update on Frequency Specificity of AEP Measurements. 1:125-129

*Key Words: Auditory evoked potentials (AEP), auditory brainstem response (ABR), middle latency response (MLR), hearing tests, hearing disorders, frequency specificity, 40 Hz response, SN10 response*

Hyde ML, Riko K, Malizia K. (1990). Audiometric Accuracy of the Click ABR in Infants at Risk for Hearing Loss. 1:59-66

*Key Words: Auditory brainstem response (ABR), accuracy, validity, infant hearing screening, relative operating characteristic*

Jacobson JT. (1990). Issues in Newborn ABR Screening. 1:121-124

*Key Words: Auditory evoked potentials (AEP), auditory brainstem response (ABR), newborn hearing screening, hearing tests, infants, high-risk, hearing disorders*

Jacobson JT, Jacobson CA, Spahr RC. (1990). Automated and Conventional ABR Screening Techniques in High-Risk Infants. 1:187-195

*Key Words: Auditory brainstem response, automated ABR, high-risk newborn hearing screening, NICU*

Kraus N, McGee T. (1990). Clinical Applications of the Middle Latency Response. 1:130-133

*Key Words: Auditory evoked potentials (AEP), middle latency response (MLR), auditory brainstem response (ABR), electrophysiologic diagnosis, hearing tests, hearing disorders*

Ruth RA. (1990). Trends in Electrocochleography. 1:134-137

*Key Words: Auditory evoked potentials (AEP), electrocochleography (ECochG), cochlear microphonic (CM), summing potential (SP), action potential (AP), hearing disorders, hearing tests, cochlea, auditory nerve*

## HEARING AIDS

Gartrell EL, Church GT. (1990). Effect of Microphone Location in ITE versus BTE Hearing Aids. 1:151-153

*Key Words: In-the-ear hearing aids, behind-the-ear hearing aids, functional gain, probe tube microphone measures, pinna*

Hawkins DB, Cooper WA, Thompson DJ. (1990). Comparisons among SPLs in Real Ears, 2 cm<sup>3</sup> and 6 cm<sup>3</sup> Couplers. 1:154-161

*Key Words: Hearing aids, real-ear SPLs, couplers, correction factors, probe tube microphone measurements*

Humes L, Hackett T. (1990). Comparison of Frequency Response and Aided Speech-Recognition Performance for Hearing Aids Selected by Three Different Prescriptive Methods. 1:101-108

*Key Words: Speech-recognition performance, frequency responses, hearing aids, speech perception, hearing disorders*

Pruitt JB. (1990). Assistive Listening Device versus Conventional Hearing Aid in an Elderly Patient: Case Report. 1:41-43

*Key Words: Assistive listening device, hearing aids, hearing disorders, aged*

Schum DJ. (1990). Noise Reduction Strategies for Elderly, Hearing-Impaired Listeners. 1:31-36

*Key Words: Linear amplification, ZETA aid, hearing aids, hearing disorders, aged*

Silverman CA, Silman S. (1990). Apparent Auditory Deprivation From Monaural Amplification and Recovery with Binaural Amplification: Two Case Studies. 1:175-180

*Key Words: Auditory deprivation, binaural amplification, monaural amplification, speech audiometry, speech perception, suprathreshold word-recognition ability*

## OTHER

Blake PE, Hall JW. (1990). The Status of State-Wide Policies for Neonatal Hearing Screening. 1:67-74

*Key Words: Neonatal hearing screening, high-risk register, in-hospital screening, legislation, hearing tests, infant*

Roush J, McWilliam RA. (1990). A New Challenge for Pediatric Audiology: Public Law 99-457. 1:196-208

*Key Words: Infant, children, hearing disorders, legislation, pediatric, pediatric audiology*