Session will be available in virtual library and presented live

Audiology Track

ENT AND AUDIOLOGY PARTNERSHIP AT COA

Philip Rosen, M.D.
Hannah Widner, AuD, CCC-A

Speakers will discuss benefits of collaboration between otolaryngologists and audiologists when serving pediatric populations with ear and hearing differences. In addition, speakers will review ways to foster partnership in a busy clinic setting.

PUBLIC HEALTH PERSPECTIVES ON HEARING LOSS AND COGNITIVE DECLINE

Nicholas S. Reed, AuD, PhD

Hearing loss is highly prevalent among older adults and recent literature has associated hearing loss with multiple negative aging outcomes. This course will present the most recent population estimates of hearing loss among older adults in the United States and the association between hearing loss and cognitive outcomes. Next it will review and breakdown the methodologic rigor of the epidemiologic literature on hearing loss and important cognitive decline. A basic introduction will be given to observational research design in the context of hearing loss and aging studies. Lastly, the course will review the methodology and recent findings of a large randomized control trial of best-practice hearing-intervention on cognitive decline.

IS MY ANXIETY MAKING MY DIZZINESS WORSE? THE ROLE OF ANXIETY & STRESS IN VESTIBULAR/BALANCE DIAGNOSIS & MANAGEMENT

Ashley Flagge, AuD, PhD
Alexandria Greene, B.S.

This 90-minute session will explore the roles that anxiety and stress play in both subjective and objective measures of vestibular and balance function. The relationship between anxiety, panic disorder, PPPD, and other vestibular and balance disorders will be discussed. Additionally, the influence of anxiety on diagnostic findings will be addressed, and strategies for best managing anxiety and stress in patients with vestibular and balance disorders will also be explored.

UNDERSTANDING CONGENITAL CYTOMEGALOVIRUS TO CONNECT THE DOTS, CREATE A SHARED MENTAL MODEL,AND ENGAGE IN INTERPROFESSIONAL COLLABORATION

Angela Shoup, PhD

Congenital cytomegalovirus (cCMV) is a major cause of developmental disabilities, including both congenital hearing loss and delayed onset or progressive hearing difficulty. Knowledge of cCMV status is helpful in planning appropriate management of the identified infant and in providing family support. As screening must occur within the first few weeks of life, many infants are not identified with cCMV. Despite the recognized adverse public health impact of congenital cytomegalovirus (cCMV), there is no nationwide program to ensure early identification and treatment of infected newborns. To address this gap, several hospitals have implemented targeted cCMV screening programs, followed by some states mandating hearing targeted early cCMV screening (HT-cCMV). One state, Minnesota, has recently started universal cCMV screening. As cCMV impacts multiple aspects of development, professionals involved in care and support of infants and families impacted by cCMV benefit from a shared understanding and knowledge base to enhance interprofessional collaboration in family-centered care. This session will provide information about the pathogenesis of cCMV, signs and symptoms, screening models, treatment options and long-term management.

OTOTOXICITY MONITORING AND LONG-TERM FOLLOW-UP FOR THE PEDIATRIC ONCOLOGY PATIENT

Johnnie K. Bass, AuD, PhD

Describe ototoxicity monitoring program and long-term follow-up guidelines for pediatric oncology patients. Recent and upcoming research on ototoxicity, the impact of hearing loss on neurocognition and quality of life, and efficacy of otoprotectants will also be reviewed.

Lunch-n-learn sponsored by Vivosonic

Audiologists must register for this event

ABR VS ASSR: WHICH SHOULD BE USED?

Angela J Bottley, CTDP

This session will compare of 2 different clinical procedures that determine hearing thresholds. ABR and ASSR procedures will be described. Decision making factors will be explored for determining which procedure to use during clinical practice.

MENTAL AND SOCIAL WELL-BEING IN CHILDREN WHO USE COCHLEAR IMPLANTS

Andrea D. Warner-Czyz, PhD, CCC-A

Children and adolescents who are deaf and hard of hearing can attain remarkable communication benefits with the use of auditory technology such as cochlear implants. However, the presence of adequate speech production, language, and speech perception skills does not guarantee high ratings of quality of life. For example, pediatric cochlear implant users exhibit higher levels of fatigue and depressive symptoms, and experience higher frequency of peer problems such as lower friendship quality and peer victimization compared to hearing age-mates. Poorer mental and social well-being in children and adolescents who use cochlear implants demands attention because unresolved difficulties increase the risk of immediate and lasting harm to mental, psychological, and physical health. This session will discuss recent research on the prevalence of mental health issues (e.g., anxiety, depression) and social relationship difficulties (e.g., quantity and quality of peer interactions) in children and adolescents with hearing loss using cochlear implants. Moreover, this talk suggests ways for clinicians, parents – as well as children and adolescents with cochlear implants themselves – to address broader aspects of communication and quality of life. Collaborative efforts can support minimization of mental and social health problems to promote more positive quality of life in pediatric cochlear implant users.

STOP, COLLABORATE AND LISTEN: ESSENTIAL PRACTICES FOR IMPROVING OUTCOMES FOR THE D/HH CHILD ON YOUR CASELOAD

Candace Scearce, M.S. CCC-SLP, LSLS Cert. AVEd
Kristen DeLauney, Au.D.
Laura Kitchen M.S. Ed

This presentation is applicable for speech-language pathologists and audiologists who serve children who are d/Deaf or hard-of-hearing, have significant developmental delays and/or complex needs. As SLPs, Audiologists, therapists and teachers, we often find ourselves trying to do it all. What could we achieve if we just stop, take the time to collaborate and listen to what each discipline has to offer? One team found that they are stronger together. This team of professionals will present on how consistent and open communication, shared planning, progress monitoring and mutual respect for each discipline has proven successful. They will define the roles and responsibilities of the team members and how to use each team members' unique strengths to develop and implement a plan for accelerated progress. Presenters will focus on the specific needs and effective outcomes management of D/HH learners to allow them to achieve catch-up growth. This includes the importance of knowing what the child can hear, close monitoring of personal hearing assistive technology, appropriate assessment and how to develop and implement plans for accelerated progress. An interactive case study approach will be utilized to assist participants with creating a plan and putting it in action.

Online only

CONVERSATIONS SHINE WITH SKY LUMITY

Nicole King, Au.D., CCC-A

Conversations shine with Lumity technology, designed with SmartSpeech Technology to all patients of all ages and degrees of hearing loss to live a life without limitations. Join this session as we review our portfolio of solutions for children from birth through young adulthood.

Online only

TREATING HEARING LOSS IN ADULTS: A CONTINUUM OF CARE

Ellison Uzzell, Au.D.

This 1-hour course will provide an overview of cochlear implants and hybrid technology focusing on referral criteria, candidacy, and effective counseling for candidates. Information will also be provided on current technology and trends in implantable hearing solutions as well as how to utilize the features within the Sycle software.

Online only

LIFE-CHANGING TECHNOLOGY: BRAINHEARING EVIDENCE AND ITS APPLICATION

Amanda K. Greenwell, Au.D.

Oticon's long history of research-based hearing solutions has resulted in the development of technology designed to support the brain's natural ability to process sound. In this course we will look at the evidence supporting Oticon's hearing solutions, and how this information can be utilized to discuss benefits of Oticon technology and be used in unique approaches to treat patients with more difficult hearing losses.