



Saturday, August 3, 2019

Breakout Session C15 • 2:45-3:45 pm • Grand Ballroom D/E

Ear and Hearing Management in CHARGE

Daniel Choo, MD, Cincinnati Children's Hospital Medical Center

Presenter Information

Dr. Choo is professor and director of the Otolaryngology Division at Cincinnati Children's and also serves as the Co-Director for the CHARGE Center at CCHMC. His team's goal is to provide the optimal care for children and families with CHARGE and to advance the field in this complex area of medicine and surgery.

Presentation Abstract

The ever-evolving state-of-the-art in interventions for hearing loss, and the ever-increasing understanding of the importance of communication abilities in the setting of CHARGE syndrome, creates a unique opportunity where the healthcare community is well-positioned to support the hearing and communication needs of individuals with CHARGE syndrome. However, the complexities intrinsic to CHARGE make accurate diagnosis and optimal treatment selection extremely challenging. Considerations need to be given to clinical and anatomic factors, developmental and behavioral factors as well as the individual and family's communication preferences. However, continual improvements in all of these facets create a compelling imperative to offer these options to patients and families. By enhancing communication, it is possible to achieve tremendous outcomes in terms of health outcomes, educational performance, family and social performance, as well as attaining the full level of an individual's potential.

Learning Objectives

- Describe the relevant ear anatomy that is significant in hearing and various interventions
- Discuss the candidacy criteria for hearing aids, cochlear implants and other hearing devices
- Outline the relevant considerations in coming up with a global communication strategy for an individual with CHARGE