At the conclusion of this activity, participants should be able to:

• Recognize the broad range of etiologies of vertigo and treat and manage vertigo and tinnitus.
• Discuss criteria used to prevent and diagnose vertigo and tinnitus.
• Identify the circumstances that may lead to iatrogenic injury and reduce clinical errors.
• Apply risk reduction techniques in otologic surgery to reduce clinicians.
• Summarize issues in cochlear synaptopathy.
• Analyze recent advances in intratympanic therapy and inner ear prosthetics.
• Evaluate latest indications for cochlear implantation.
• Describe current state of genetics and gene therapy in otology.
• Evaluate the available management options in hearing loss and balance disorders based on specific patient characteristics and the practice setting.
• Identify the circumstances that may lead to ototoxic injury or suboptimal outcomes.
• Assess evidence-based approaches to prevent, diagnose, and treat hearing loss in infants and children.
• Recommend noninvasive referral of post childhood cochlear implants.
• Evaluate the broad range of outcomes of vertigos and tinnitus.
• Discuss criteria used to prevent and diagnose vertigos and tinnitus.
• Integrate preoperative imaging and intraoperative testing in otology.
• Integrate preoperative imaging and intraoperative testing in otology.
• Utilize intraoperative monitoring to improve quality of care.
• Evaluate the available management options in hearing loss and balance disorders based on specific patient characteristics and the practice setting.
• Identify the circumstances that may lead to ototoxic injury or suboptimal outcomes.
• Assess evidence-based approaches to prevent, diagnose, and treat hearing loss in infants and children.
• Recommend noninvasive referral of post childhood cochlear implants.
• Evaluate the broad range of outcomes of vertigos and tinnitus.
• Discuss criteria used to prevent and diagnose vertigos and tinnitus.
• Integrate preoperative imaging and intraoperative testing in otology.
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STATEMENT OF NEED

This CME conference aims to increase knowledge surrounding the effective diagnosis and management of common, clinically relevant otologic disorders. Furthermore, this course content is designed to enhance basic clinical practice of medical providers caring for patients with otologic disorders. This course will cover topics involving all aspects of diagnosis, medical management, surgical interventions as well as applying risk reduction techniques, ordering and interpreting imaging, and evaluating evidenced-based data. The course will consist of didactic lectures, panel discussions, and interactive breakout sessions with the faculty addressing learner engagement technology.

TARGET AUDIENCE

This international program is designed for:
- Physicians
- Nurses
- Nurse Practitioners
- Physicians Assistants
- Social Workers
- Allied Health Professionals
- Audiologists

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Otolaryngology – Head and Neck Surgery