History and newer management strategies in acoustic neuroma management

Vestibular schwannomas are the most common CPA tumor representing 6%-10% of intracranial neoplasm. Incidence is 10 per million per year in the US. NF2 represents about 5% of these CPA tumors. Among these cases 10% will present with normal hearing, and 90% will present with unilateral hearing loss and tinnitus. ABR is a noninvasive test for acoustic neuroma with a fairly high false potential rate. However, MRI is still the gold standard in diagnosis of tumors 2mm in size or larger. Three management strategies: observation, radiation, and surgery are the options for patients and each will be discussed on the basis of management of more than 1500 cases seen over a thirty year period. We will focus this talk on recent conservative trends in management of the acoustic neuroma patient in the past decade.

Biography

Richard J. Wiet, M.D., F.A.C.S., is Professor of Clinical Otolaryngology and Neurosurgery at Northwestern University and Senior Partner, Ear Institute of Chicago, LLC. Wiet has been consistently listed in Chicago’s Magazine’s “Top Doctors” for years. In 2011, Dr. Wiet was presented with the Professional Excellence Award from the Acoustic Neuroma Association. Dr. Wiet’s 30 years in the field of neurotology is reflected in a textbook he edited, released in February, 2006, entitled “Ear Surgery-Minimizing Risks and Complications,” published by Thieme International.

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