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Padma Shri Dr. Jitender Mohan Hans

Dr. Hans Centre for ENT & Cochlear Implant, India

Cochlear implant surgery by the Veria technique: Experience from 2000 cases

The Veria technique for cochlear implantation is a non mastoidectomy technique which is done through the endaural route for the cochleostomy with a transcanal tunnel drilled in the posterior canal wall. This technique has been used for implanting in more than 2000 cases. This technique uses a specially designed perforator to make the tunnel in the posterior canal wall. Though the conventional techniques has been successful it is more time consuming and is prone to various complications especially in children with small facial recess, cochlear malformations and cochlear rotation. This technique is simple, helps in faster healing and earlier fitting of the processor, is precise thereby minimising trauma to the facial nerve. The surgery can be performed in infants who have not yet developed the mastoid completely. This technique can be applied in difficult cases of common cavity, ossified cochlea, cochlear hypoplasia, otosclerosis, high jugular bulb, rotated cochlea with great ease and minimal difficulty.

Biography

Padma Shri awardee Prof. (Dr) J M Hans, is a topper and medalist from PGI Chandigarh. Dr. Hans has done pioneering work in the field of cochlear implant surgery and has done more than 1500 cochlear implants in his centers around the country and also in SAARC countries. He is the Founder Member of the Cochlear Implant Group of India. He is currently Chairman & Director of Dr. Hans Centre for ENT & Cochlear Implant and Chairman of Dept of ENT & Cochlear Implant, Venkateshwar Hospital, Dwarka, New Delhi. He is Honorary Consultant to Ex-Prime Minister of India. Dr. Hans is Government Member to the Ali Yajur Jung National Institute for Deafness, Mumbai. The Government appointed him as Executive Member of the All India Institute of Speech and Hearing, Mysore. He is appointed Member to the National Program on Prevention and Control on Deafness (NPPCD) and Advisor to UPSC and WHO. He pioneered the minimally invasive technique for Cochlear Implantation in India. He is also advisor Cochlear Implant Surgeon to Pingalwara Trust in Amritsar. He is visiting cochlear implant surgeon to the Medical Colleges of Chattisgarh, Andhra Pradesh and Madhya Pradesh, PGI Chandigarh etc., to perform CI surgery on deaf and dumb children. Member of ADIP, Committee of Cochlear Implant, Govt. of India and Executive Council AIISH Mysore.

jmhans1@gmail.com

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