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## Cochlear implant surgery by transcanal VERIA technique: Experience from 3000 cases

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The Veria technique for Cochlear implantation is a non-mastoidectomy technique which is done through the end aural route for the cochleostomy with a transcanal tunnel drilled in the posterior canal wall. This technique has been used for implanting in more than 3000 cases. This technique uses a specially designed perforator to make the tunnel in the posterior canal wall. Though the conventional technique 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 minimizing 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.

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