

Composite 3 Layers Tympanoplasty - Promising and Reliable Technique for Management of Dry Central Tympanic Membrane Perforation

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Numerous graft materials and methods of placement have been described to reconstruct the tympanic membrane. Cartilage was shown both experimentally and clinically to be well tolerated by the middle ear and has long-term survival.

A twelve-year-old female presented with history of recurrent episodes of right ear pain and discharge. She experienced slight hearing impairment in the right ear. On examination, she was found to have perforation in antero-inferior quadrant of tympanic membrane of the right ear which was operated successfully with a new technique utilizing a composite 3 layers graft (Perichondrium-Cartilage-Perichondrium) via transcanal approach.

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