New surgical approach for lateralized tympanic membranes.

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Case 3 (64 y.o. male)

INTRODUCTION

This is 'The lateralized tympanic membrane'.

It is located laterally to the bony annular ring and loses contact with the ossicular chain.

There is empty space or fibrous tissue behind the lateralized TM. In some cases, there may be an iatrogenic cholesteatoma between the original position of the TM and the lateralized TM.

Previous reports

Previous reports about the treatment of lateralized TM are few. Therefore, the results of conventional surgical approach are insufficient.

Conventional surgical approach for lateralized TM.

The lateralized TM and fibrous tissue are completely removed.

Problems regarding conventional surgical approaches.

New grafts tend to relateralize after the revision.

An enlarged photo of the long columella

In this case, distance between lateralized TM and the stapes is shown at about 9.2mm on the 3D CT.

Hearing improvement

This is the air-conduction pure-tone average in pre and post-op state.

Case 1 (59 y.o. male)

He had undergone a tympanoplasty about 10 years ago.

Case 2 (73 y.o. male)

He had undergone a tympanoplasty about 20 years ago.

Case 3 (64 y.o. male)

He had undergone a tympanoplasty about 40 years ago.

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