Comparison Between Microscopic And Endoscopic Insertion Of Ear Grommets

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Objectives:
The use of the endoscope in ear surgeries is becoming more common. Direct vision, management and cost are some of the possible explanations, allied to the development of the imaging systems. In this context we compared the mean insertion time between the microscope and the endoscope.

Methods:
The same surgeon performed the technique on 20 patients who would be submitted to a bilateral procedure, using one endoscopic side and the other by a microscopy and alternating between right and left per patient.

Results:
The mean time of placement of the tubes with the use of the microscope was of 5 minutes and 37 seconds and with the use of the endoscope of 2 minutes and 18 seconds.

Conclusion:
The use of the endoscope, while requiring a new learning curve, can bring a series of benefits to the surgeon, time, vision, as well as to the patient, less use of anesthetic gas, reduction of total procedure time.