

The Microscopic Transcanal Approach in Stapes Surgery Revisited

Georgios Mantokoudis¹, Stefan Weder¹, Lukas Anschuetz¹, Sandra Gunser¹, Urs Borner¹, Marco D. Caversaccio¹

¹Department of Otorhinolaryngology, Head and Neck Surgery, Inselspital, Bern University Hospital, University of Bern

Corresponding Author

Georgios Mantokoudis
georgios.mantokoudis@insel.ch

Citation

Mantokoudis, G., Weder, S., Anschuetz, L., Gunser, S., Borner, U., Caversaccio, M.D. The Microscopic Transcanal Approach in Stapes Surgery Revisited. *J. Vis. Exp.* (180), e63011, doi:10.3791/63011 (2022).

Date Published

February 16, 2022

DOI

10.3791/63011

URL

jove.com/video/63011

Materials

Name	Company	Catalog Number	Comments
Adrenalin	Sintetica		
Belucci microscissors	Olympus (former Richards)	8178100FX	
Betadine solution (Povidon iodine)	Mundipharma Medical Company		
Carbostesin	Sintetica		Bupivacain 2.5 mg/mL
Cup forceps	Olympus (former Richards)		
Curette	Olympus (former Richards)	13-0147	
Curved suction tubes	Spiggle & Theis	302007NV und6066500100	
Drill	Bienair		2 mm rough diamond drill
FOX laser	A.R.C. Laser GmbH		
Gelfoam (absorbable gelatine compressed sponge)	Pfizer Injectables	GS-010DP	absorbable gelatin sponge
Gloves	Sempermed		Appropriate size
Hooks	Olympus (former Richards)	13-0201, 13-0202, 13-0204, 13-0206	0.3–0.6 mm
Hydrocortison/neomycin/polymyxin otic /Cortisporin Otic Solution	Pfizer		
Needle	Olympus (former Richards)	13-0207	27 G
Operating Microscope	Leica	E 114637	
Otologic dissectors	Olympus (former Richards)		
Ribbon gauze			
Round knives	Olympus (former Richards)	13-0211 13-0212	
Silk dressing	Otosilk		
Speculum	Olympus (former Richards)	OK 082R	
Surgical Mask	Halyard	48247	
Water to rinse	Ringer		