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Titolo	Innovations in Endoscopic Ear Surgery // edited by Seiji Kakehata, Tsukasa Ito, Daisuke Yamauchi
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ISBN	981-13-7932-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (x, 108 pages) : illustrations
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Soggetti	Otolaryngology Minimally invasive surgery Otorhinolaryngology Minimally Invasive Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Innovations in Endoscopic Ear Surgery -- The TEES Lineup: Non-powered TEES, Powered TEES and the Dual MES/TEES Approach -- Safety of powered instruments -- Resected area during TEES for cholesteatoma with antral extension -- How narrow is too narrow? Virtual and 3D model simulation of TEES -- Presurgical evaluation of middle ear cholesteatoma for TEES -- Underwater TEES -- Augmented reality navigation system for TEES -- Regeneration of middle ear mucosa for TEES -- Bone Curette Handle for Improved Bone Removal in Endoscopic Ear Surgery -- Endoscopic Regenerative Medicine for Tympanic Membrane -- Three-dimensional displacement of an endoscope -- Advantages of endoscopic surgery for adhesive otitis media.
Sommario/riassunto	This book focuses on endoscopic ear surgery, an area that has been the focus of cutting-edge research around the globe, particularly in Italy, the United States and Japan. Ear surgery has begun to catch up with other fields of medicine in incorporating the endoscope into surgical procedures, and endoscopic, minimally invasive ear surgery is garnering international attention. Innovations in Endoscopic Ear Surgery presents the work of the Japanese "school" of surgeons involved in advancing endoscopic ear surgery and, in particular, transcanal

endoscopic ear surgery (TEES). This book not only seeks to explain TEES in detail to allay surgeons' concerns regarding this procedure, it also describes the recent advances such as the incorporation of powered instruments to extend the range of TEES; combining TEES with the latest techniques in regenerative medicine; taking advantage of the progress in computer technology such as 3D simulations and virtual reality and more. Innovations in Endoscopic Ear Surgery is designed to help smooth the learning curve for beginners as well as guide all readers onto the new paths which endoscopic ear surgery is embarking upon.
