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Titolo	Cochlear Implants : Audiologic Management and Considerations for Implantable Hearing Devices
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ISBN	1-63550-274-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xv, 858 pages) : illustrations (some color)
Disciplina	617.8/8220592
Soggetti	Cochlear implants Deafness
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Basic Operation and History of Cochlear Implant Technology -- Physics and Electronics of Cochlear Implantation -- Anatomy and Physiology Associated with Cochlear Implantation -- Cochlear Implant Candidacy: Regulatory Approval -- Cochlear Implant Candidacy: Adult Audiologic Assessment -- Cochlear Implant Candidacy: Pediatric Audiologic Assessment -- Basic Terminology of Cochlear Implant Programming -- Basic Terminology of Cochlear Implant Programming -- Advanced Bionics Cochlear Implants and Sound Processors -- Cochlear Nucleus Cochlear Implants and Sound Processors -- MED-EL Cochlear Implants and Sound Processors -- Medical and Surgical Aspects of Cochlear Implantation -- The Role of Imaging in Implantable Hearing Devices -- Fundamental Practices of Cochlear Implant Programming -- Programming Advanced Bionics Cochlear Implants -- Programming Cochlear Nucleus Cochlear Implants -- Programming MED-EL Cochlear Implants -- Objective Measures of Cochlear Implant Function -- Considerations for Vestibular Assessment and Management of Cochlear Implant Candidates and Recipients -- Additional Consideration in the Management of Cochlear Implants for Children and Adults -- Factors Affecting the Outcomes of Adults with Cochlear Implants -- Factors Affecting the Outcomes of Children with Cochlear Implants -- Optimizing the Audiologic Management of Recipients of Cochlear Implants: Integrating Clinical Knowledge to Maximize Recipient

Outcomes -- Hearing Preservation After Cochlear Implantation, Electric-Acoustic Stimulation, and Hybrid Cochlear Implants -- Auditory Brainstem Implants -- Implantable Bone Conduction Hearing Devices -- Medical Considerations for Osseointegrated Bone Conduction Implants -- Middle Ear Implantable Hearing Devices.

Sommario/riassunto

"Cochlear Implants: Audiologic Management and Considerations for Implantable Hearing Devices provides comprehensive coverage of the audiological principles and practices pertaining to cochlear implants and other implantable hearing technologies. This is the first and only book that is written specifically for audiologists and that exhaustively addresses the details involved with the assessment and management of cochlear implant technology. Additionally, this book provides a thorough overview of hybrid cochlear implants, implantable bone conduction hearing technology, middle ear implantable devices, and auditory brainstem implants."--Publisher's description.
