Record Nr. UNINA9910300061803321 Implantable Hearing Devices other than Cochlear Implants [[electronic **Titolo** resource] /] / edited by Gauri Mankekar Pubbl/distr/stampa New Delhi:,: Springer India:,: Imprint: Springer,, 2014 **ISBN** 81-322-1910-4 Edizione [1st ed. 2014.] Descrizione fisica 1 online resource (119 p.) Disciplina 617.8 617.80592 Soggetti Otorhinolaryngology Neurology Rehabilitation Neurology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references at the end of each chapters. Nota di contenuto Passive Middle Ear Implants -- Implantable Hearing Devices Besides Cochlear and Brain Stem Implants -- Bone Conduction Implant Devices -- Middle Ear Implants (MEI): Vibrant Soundbridge -- The Envoy Esteem® Hearing Implant -- The Ototronix MAXUM System. Sommario/riassunto Hearing loss can vary in type ranging from conductive, mixed to sensorineural, as well as in degree from mild, moderate, severe to profound. There could also be multiple permutations and combinations like moderate mixed hearing loss or severe conductive hearing loss. In addition, the hearing loss could be unilateral or bilateral. While cochlear implants were devised for bilateral profound sensorineural hearing loss, various other devices have been invented for other types of hearing losses. Research continues to design a suitable implant which would amplify sound for patients who cannot be candidates for

cochlear implants.