Record Nr. UNINA9910464683203321 Autore Tange R. A **Titolo** The history of otosclerosis treatment: a survey of more than a century's search for the best treatment of the disease // R.A. Tange Pubbl/distr/stampa Amsterdam, The Netherlands:,: Kugler Publications,, [2014] ©2014 **ISBN** 90-6299-864-X Descrizione fisica 1 online resource (160 p.) Disciplina 617.8/82 Soggetti Otosclerosis Otology - History Ear - Diseases Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references. Nota di contenuto Table of Contents; Foreword; Preface; Introduction; 1. Early history of stapes fixation and otosclerosis; 2. Early conservative and surgical treatments ofotosclerosis; Non-surgicaltreatment ofotosclerosis; 1. Medical treatment of otosclerosis: 1.1. Treatment of the endocrine system for retardation of theotosclerosis process; 1.2. Sex hormones and treatment of otosclerosis: 1.3. Cortisone treatment in otosclerosis: 1.4. Fluoride therapy; 1.5. Bisphosphonate treatment; 2. Alternative well-meant therapies and advices; 2.1. Advices; 2.2. Ayurveda and otosclerosis 3. X-ray treatment of otosclerosis4. Re-education machines; 4.1. Kinesiphone; 4.2. Zund-Burguet electrophonoid; 5. Hearing aids and otosclerosis; Treatment ofotosclerosis and pregnancy; 1. Pregnancy and otosclerosis; 2. Eugenics and otosclerosis; 3. Sterilization and artificial abortus andotosclerosis; Surgical treatmentof otosclerosis; 1. Alternative surgical approach for otosclerosis; 1.1. Wittmaack theory and treatment of otosclerosis; 1.2. Raising of the dura mater as

treatment for otosclerosis; 2. Fenestration of the labyrinth

2.1. The development of the fenestration surgery as treatmentfor otosclerosis 2.2. Fenestration operation; 2.2.1. Fenestration according

to Maurice Sourdille; 2.2.2. Fenestration according to Julius Lempert; 2.2.3. Fenestration according to Oswald Otto Popper; 3. Mobilization of the stapes and stapediolysis; 3.1. Stapes mobilization; 3.2. Stapediolysis; 4. Stapedectomy and stapedotomy; 4.1. Stapedectomy; 4.2. Small-hole stapedotomy; 4.3. Laser stapes surgery; 4.4. Stapes prostheses; Treatment ofcochlear otosclerosis; 1. Histology on cochlear otosclerosis

2. Radiological investigation for cochlearotosclerosis3. Treatment of sensorineural deafness due tocochlear otosclerosis; 4. Cochlear implantation in far-advanced cochlearotosclerosis; Final remarks; About the author; References

## Sommario/riassunto

PrefaceHearing loss due to otosclerosis has been a subject of many different treatments. Since the understanding at the end of the nineteenth century that the disease was located in and around the cochlea and that it produces conducting and also perceptive hearing loss, all kinds of medical as well as surgical treatments have been applied to cure the disease. Most of the treatments have fallen into oblivion after the successful introduction of the stapedectomy in the late fifties of the last century. This book tries to highlight almost all possible treatments for otosclerosis presented in lite