1. Record Nr. UNINA9910624376603321 Titolo ABRs and electrically evoked ABRs in children / / Kimitaka Kaga, editor Tokyo, Japan:,: Springer,, [2022] Pubbl/distr/stampa ©2022 **ISBN** 9784431541899 9784431541882 Descrizione fisica 1 online resource (264 pages) Modern otology and neurotology Collana Disciplina 152.15 Soggetti Auditory perception Brain stem - Diseases Hearing disorders Trastorns auditius Malalties cerebrals Tronc de l'encèfal Percepció auditiva Infants Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Intro -- Preface -- Contents -- Abbreviations -- Part I: Introduction --Chapter 1: History of ABR and EABR -- 1.1 Auditory Evoked Potentials (AEPs) -- 1.2 Electrically Auditory Brainstem Responses (EABRs) --References -- Part II: ABRs -- Chapter 2: Origins of ABR -- 2.1 Origins of the ABR -- 2.1.1 Experiment 1: Whole Brainstem Mapping Study in the Cat -- 2.1.2 Experiment 2: Medial Geniculate Body Mapping Study in the Cat. ABR Wave P6 -- 2.2 Experiment 3: Origins of the Six Waves of the ABR Waveform in the Cat as Determined by Depth Recordings and Lesion Studies -- 2.2.1 Cochlear Nerve (Eighth Cranial Nerve): ABR Wave P1 -- 2.2.2 Cochlear Nucleus: ABR Wave P2 -- 2.2.3

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A comprehensive review of the science relating to the development of the auditory system, this book discusses developmental stages such as the threshold changes in auditory brainstem responses. It reviews pediatric auditory disorders and covers new advances.