Record Nr. UNINA9911031567003321 Autore Amitrano Antonio Titolo Atypical Deglutition Treatment: The Role of the Executive Function // by Antonio Amitrano, Francesco Benso Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2025 Pubbl/distr/stampa **ISBN** 3-032-01482-4 Edizione [1st ed. 2025.] Descrizione fisica 1 online resource (141 pages) Collana Medicine Series Altri autori (Persone) BensoFrancesco Disciplina 616.855 Soggetti Speech therapy Neurosciences **Dentistry** Speech and Language Therapy Neuroscience Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Introduction -- 1 Swallowing: Definition and Evolution in Different Life Phases -- 2 Executive Attention Networks, Motor Learning, Dual Tasks -- 3 Cognitive Motor Rehabilitation of Atypical Swallowing. The book illustrates the most recent acquisitions in the field of motor Sommario/riassunto learning and their applications in the treatment of atypical deglutition. Since weaning, the variation in foods and methods of food intake induces a modification of tongue movement patterns that progressively leads to the transition from infant to adult swallowing. In some children, however, this transition does not occur, resulting in the onset of atypical swallowing. This volume presents an innovative method for treating this disorder, the ABAED® method (Amitrano Benso Attention Executive and Swallowing), that was developed on the basis of the latest findings in motor learning. In ABAED®, the intervention for atypical swallowing is not directed towards re-educating orofacial musculature but towards the brain, focusing on learning the correct motor behaviour of adult swallowing. This is facilitated through

conscious maneuvers that require significant executive attention and

professionals and experts in the fields of motor learning, speech-

working memory resources. This book will be of interest to

language pathology, and dysphagia.