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Nota di contenuto	<p>INTELLIGIBILITY IN SPEECH DISORDERS THEORY, MEASUREMENT AND MANAGEMENT; Editorial page; Title page; Copyright page; Table of contents; Introduction; References; Chapter 1. Scaling procedures for the measurement of speech intelligibility; Introduction; Definition of speech intelligibility; Measurement; Intelligibility measurement methods; Use of scaling procedures in communication disorders; Use of scaling to measure speech intelligibility; Comparison of scaling procedures; Interval scaling; Direct magnitude estimation; Scaling prosthetic vs. metathetic continua</p> <p>Evidence against the use of scaling procedures for the measurement of speech intelligibilityEvidence for the use of word identification tests for the measurement of speech intelligibility; References; Chapter 2. An application of structural linguistics to intelligibility measurement of impaired speakers of English; Introduction; Theoretical frame of reference; Assumptions; What is language; Aspectual model of language structure; Analysis by levels; Establishing the morphophone; Comparison of IPA and T-S notation; An aspectual analysis of alaryngeal speech; Purpose; Speakers; Instruments</p> <p>Elicitation materialQRP scoring; Methods and procedures; Results; Diagnostics; Excrescence errors; Loss errors; Summary and conclusions; Purpose; Theoretic orientation; Analysis; QRP; Results;</p>

Applications; Threshold of intelligibility; References; Appendix 1. Standard English Morphophone Inventory; I. Segmentals; II. Suprasegmentals; Appendix 2. Diacritics and Notation; Notation; Diacritics; Appendix 3. QRP TEST; A. Segmental targets; B. Suprasegmental targets (underlined); Chapter 3. Acoustic and perceptual approaches to the study of intelligibility
Introduction: The concept of intelligibility
Review of dysarthric intelligibility studies; Review of literature on intelligibility of deaf speech; Segmental characteristics; Suprasegmental variables; Combined segmental and suprasegmental characteristics; Summary; Variables in an explanatory test of speech intelligibility; Selection of variables: considerations from dysarthria; Selection of variables: General considerations; Representation (form) of variables for the model; Predicting intelligibility from the phonetic and acoustic characteristics of dysarthric speech
Influence of normal listening strategies on speech intelligibility
Summary; Notes; References; Chapter 4. The role of phonation in speech intelligibility: A review and preliminary data from patients with Parkinson's disease; Introduction; The relationship between intelligibility and phonatory characteristics in disordered and enhanced speech; Contributions of the SOURCE functions of the larynx to speech intelligibility; Loudness; Quality; Contributions of SUPRASEGMENTAL functions of the larynx to speech intelligibility; Pitch; Prosody-(stress and intonation)
Contributions of ARTICULATORY functions of the larynx to speech intelligibility

Sommario/riassunto

The papers in this volume, written by authors experienced in intelligibility issues in speech pathology and related fields, describe the basic dimensions by which speech intelligibility can and must be understood. The dimensions are auditory perceptual, linguistic, acoustic and physiologic. These, in turn, are applied to the fundamental problems of definition and theory, measurement and clinical management. Only relatively recently has there been significant progress in formal intelligibility assessment and few, if any books have been published on intelligibility concerns in speech pathology.
