

# CONTENTS

---

Contents of the DVD vii

Preface ix

## **SECTION I**

Foundation of Aphasia and Related Disorders

### **Foundations and Descriptions**

- 1 Neuroanatomy of Language 1
- 2 Neuropathology of Aphasia 13
- 3 Diagnosis and Classification of Aphasia 27
- 4 Aphasia in Special Populations: Neurodegenerative Syndromes 47
- 5 Aphasia in Special Populations: Traumatic Brain Injury 63
- 6 Neuropsychiatric, Psychosocial, and Legal Aspects of Aphasia 75

### **Diagnostic Process**

- 7 Neurological Examination 87
- 8 Neuroimaging and Other Neurodiagnostic Techniques 95
- 9 The Process Approach to Assessment of Aphasia 103
- 10 Assessment of Alexia and Agraphia 117
- 11 Cognitive Examination 137
- 12 Apraxia: Descriptions, Implications, and Assessment 161

## **SECTION II**

Systematic Speech-Language Pathology Approaches to the Treatment of Aphasia

### **Considerations for Aphasia Treatment**

- 13 Aphasia Recovery and the Myth of the Aphasia Plateau 171
- 14 Introduction to Aphasia Therapy 181

- 15 Application of the Process Approach and an Operational Framework for the Treatment of Aphasia 195
- 16 Setting Functional Goals for Aphasia Therapy and Measuring Response to Treatment 207

### Impairment-Based Therapies

#### Therapy Programs for Improving Verbal Expression

- 17 Treatment of Aphasic Anomia 229
- 18 Voluntary Control of Involuntary Utterances 243
- 19 Perseveration in Aphasia and Its Treatment 253
- 20 Melodic Intonation Therapy 279
- 21 Treatment of Agrammatism in Aphasia and the Communicative Effectiveness Profile for Measuring Discourse Skills 293

#### Therapy Programs for Improving Auditory Comprehension

- 22 Treatment of Wernicke's Aphasia 313
- 23 Cognitive Approach to Improving Auditory Comprehension 323

#### Therapy Programs for Improving Alexia and Agraphia

- 24 Treatment of Reading Disorders in Aphasia 341
- 25 Anagram, Copy, and Recall Therapy 349

#### Therapy Programs for Improving Nonverbal Expression

- 26 Visual Action Therapy and Beyond 365
- 27 Communicative Drawing Program 385
- 28 Picture-Based Augmentative and Alternative Communication and Computer-Assisted Treatment Approaches 405

### Non-Impairment-Based Therapies

- 29 Group Therapy for People with Aphasia and Their Families and Friends 429
- 30 Living Well with Aphasia in the Community 439

#### Biomedical and Alternative Approaches

- 31 Biomedical Approaches to Aphasia Treatment 449
- 32 Complementary and Alternative Treatment Approaches 459

About the Authors 469

Index 471