



SPEECH AND LANGUAGE DISORDERS IN MULTIPLE SCLEROSIS

**EDITED BY
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Speech And Language Disorders In Multiple Sclerosis

Bruce E. Murdoch



Speech And Language Disorders In Multiple Sclerosis:

Speech and Language Disorders in Multiple Sclerosis B. E. Murdoch, Deborah G. Theodoros, 2000 **Acquired**

Speech and Language Disorders Bruce E. Murdoch, 2013-05-20 It is vital to have knowledge of the neuroanatomical structures and functional neurological mechanisms which are disrupted in neurogenic speech language disordered persons in order to understand the speech language deficits themselves This book provides a comprehensive coverage of the neurological basis of both the clinically recognised forms of aphasia and the various motor speech disorders in both children and adults It also covers more recently recognised language disorders such as Parkinsons and related diseases right hemisphere damage closed head injury dementia etc This is a perfect text for practitioners who need to understand the integration of neuroanatomy and functional neurology with the practice of speech language pathology **The Oxford Handbook of Communication Disorders in Neurodegenerative Diseases**, 2025-10-16 This handbook provides a synthesis of current communication disorders research in patients with a range of neurodegenerative conditions Neurodegeneration is a rapidly evolving area of medical and health research however language and communication disorders have received much less attention than the pathophysiological processes of neurodegenerative diseases This is despite the fact that these disorders are some of the earliest signs of neurodegeneration and can seriously impact quality of life in people with neurodegenerative disease The volume examines age related neurodegenerative diseases such as Alzheimer s disease as well as neurodegeneration related to hereditary conditions like Huntington s disease and infectious diseases such as SARS CoV 2 The chapters review the epidemiology and etiology of each neurodegenerative disease with a medical overview covering the pathophysiology clinical features and prognosis of each condition The emphasis throughout is on communication disorders associated with each neurodegenerative disease the discussion includes research findings in the literature with data from patients used to illustrate speech hearing voice fluency and language impairments The book also explores the clinical management of communication disorders by speech language pathologists By bringing research and clinical practice together in a single volume this handbook offers a comprehensive understanding of the impact of neurodegenerative processes on communication **Speech and Language Disorders Associated with Subcortical Pathology** Bruce E. Murdoch, 2009-03-25 This book provides comprehensive coverage of speech and language disorders arising from pathological processes involving the subcortical structures of the brain It gives an understanding of these disorders in terms of their neuropathological basis clinical symptomatology and prognosis A full discussion of contemporary models and theories of subcortical participation in speech and language processing is given including discussion of the possible roles of structures such as the basal ganglia subthalamic nucleus thalamus and cerebellum The book covers speech and language disorders associated with a variety of subcortical conditions ranging from major degenerative conditions such as Parkinsons Disease Huntington s chorea and dystonia through to acquired non degenerative subcortical lesions arising from for example

cerebrovascular accidents and stereotactically surgically induced lesions. In addition, a full description of the relevant assessment and treatment procedures currently recommended for use for each of the subcortical communication disorders is given.

Multiple Sclerosis Stavros Baloyannis, 2020-01-29 Multiple sclerosis is among the most frequent neurological diseases which affect seriously the quality of life of a constantly increasing number of patients inducing physical and mental invalidism with indefinite perspectives. The ongoing investigation of the pathogenetic background and the inconclusive analysis of many pathophysiological mechanisms and serious neuropathological alterations of the disease are dominant crucial topics in the field of neurosciences aimed at tracing a definite way to a therapeutic approach. The authors of this volume attempt to throw light on the labyrinth of multiple sclerosis approaching the disease from the viewpoint of epidemiology, autoimmune reactions, symptomatology, mental and physical decline, diagnostic procedures, prognosis and treatment. The authors submit herein, along with scientific data, their hope of contributing effectively to ameliorating the quality of life of those suffering from multiple sclerosis who wait patiently for the day of recovery.

Acquired Speech and Language Disorders B. E. Murdoch, 2013-11-11 The stimulus for writing this book arose from the author's perception of a lack of available texts which adequately integrate the subjects of neuroanatomy and functional neurology with the practice of speech language pathology. This perception was gained from almost two decades of teaching in the areas of neuroanatomy and acquired neurological speech language disorders to speech pathology students initially at the South Australian College of Advanced Education and for the past five years at the University of Queensland. Although a plethora of excellent texts devoted specifically to each of the subjects of neuroanatomy, neurology and aphasiology have been published, few have attempted to integrate these individual subject areas in such a way as to provide a more clear understanding of the neurological bases of clinically recognized forms of aphasia and motor speech disorders. In writing this text, I have attempted to provide a better balance between neuroanatomy, neurology and speech language pathology. Relevant areas of neuroanatomy and neurology are introduced and discussed in the context of specific speech and language disorders. In this way, I have aimed at providing a better link between the relevant neuroanatomical and neurological knowledge on the one hand and specific neurologically based communication disorders on the other, in order to enhance the reader's understanding of the origins, course and prognosis of these disorders. Of course, the writing of any book requires the support and encouragement of other people. This text was no exception.

Multiple Sclerosis Rosalind Kalb, 2011-11-11 A comprehensive guide to multiple sclerosis presented in a question and answer format that covers epidemiology, symptoms, treatments, coping with the disease, financial and life planning strategies and other related topics.

Multiple Sclerosis Rehabilitation Marcia Finlayson, 2012-08-01 MS is always in the back of your mind. If there is something you want to do, you always wonder if the MS will allow you to do it. Darlene, living with MS for 22 years. Living with multiple sclerosis, MS is challenging and multidimensional. MS pervades all aspects of life; one's body becomes unpredictable and unreliable; one's identity and sense of

Neurologic and Neurodegenerative Diseases of the Larynx Philip A. Weissbrod, David O. Francis, 2020-03-03 This comprehensive text summarizes what is known about the myriad of different neurological conditions that cause dysfunction of communication swallowing and breathing as it relates to the upper aerodigestive tract. It serves to provide clinicians and scientists at all levels of experience a practical and thorough review of these diseases, their management, and frontiers in science. Chapters are written by experts in these conditions from a broad spectrum of medical specialties in order to create a book that is inclusive of diagnostic and therapeutic considerations that clinicians should think about when caring for patients with these conditions. *Neurologic and Neurodegenerative Diseases of the Larynx* will be an instrumental resource in guiding clinicians to better recognize the subtle and not so subtle voice swallowing and airway manifestations of these diseases and improve management of patient symptoms and concerns in order to maximize both quality of life and longevity. It will aid otolaryngologists, laryngologists, neurologists, speech language pathologists, and other allied health care professionals in developing a more efficient evidence-based patient-focused and multi-specialty approach to managing these complex and challenging patients.

Aphasia and Related Neurogenic Communication Disorders Papathanasiou, Patrick Coppins, 2016-02-11 *Aphasia and Related Neurogenic Communication Disorders* Second Edition reviews the definition, terminology, classification, symptoms, and neurology of aphasia, including the theories of plasticity and recovery. Best practices of aphasia assessment and intervention are presented, including neuropsychological models and formal and informal testing procedures to maximize correct clinical rehabilitative decisions. Theoretical bases for rehabilitation guidelines for organization and delivery of evidence-based therapy, as well as augmentative and alternative communication therapy and computer-based treatments, are also presented.

Brain-Based Communication Disorders Leonard L. LaPointe, Bruce E. Murdoch, Julie A. G. Stierwalt, 2010-07-01 *Brain Based Communication Disorders* introduces the reader to the major clinically recognized types of acquired speech language cognitive and swallowing disorders encountered by clinicians working with child and adult neurological cases. The text provides contemporary and state-of-the-art content on these disorders in terms of their neuropathological bases, clinical symptomatology, and prognosis. Basic anatomy and physiology of human communication and swallowing is introduced, as well as the neural mechanisms controlling speech language cognitive and swallowing functions. In addition to the traditional acquired speech language disorders of the nervous system, aphasia, neuromotor speech disorders, content including communication impairments caused by traumatic brain injury, multisystem blast injuries, and degenerative disorders of the nervous system is also provided. The reader is also introduced to the principles that govern the assessment and treatment for both pediatric and adult populations.

Routledge Handbook of Communication Disorders Ruth H. Bahr, Elaine R. Silliman, 2015-04-24 *The Routledge Handbook of Communication Disorders* provides an update on key issues and research in the clinical application of the speech language and hearing sciences in both children and adults. Focusing on areas of cutting edge research, this handbook showcases what we know about communication disorders and

their assessment and treatment. It emphasizes the application of theory to clinical practice throughout and is arranged by the four key bases of communication impairments: Neural, Genetic, Bases, Perceptual, Motor, Bases, Cognitive, Linguistic, Bases, Socio-Cultural, Bases. The handbook ends with an integrative section which looks at innovative ways of working across domains to arrive at novel assessment and treatment ideas. It is an important reference work for researchers, students, and practitioners working in communication science and speech and language therapy.

Aphasia and Related Neurogenic Communication Disorders Ilias Papathanasiou, Patrick Coppens, 2021-06-03. Aphasia and Related Neurogenic Communication Disorders is designed for the graduate course on Aphasia. Part 1 of the textbook covers aphasiology while part 2 addresses related disorders. Overall, the textbook offers an overview of aphasia and related neurogenic communication disorders by presenting important recent advances and clinically relevant information. It emphasizes Evidence-Based Practice by critically reviewing the pertinent literature and its relevance for best clinical practices. Case studies in all clinical chapters illustrate key topics, and a Future Directions section in each chapter provides insight on where the field may be headed. The WHO ICF Framework is introduced in the beginning of the text and then reinforced and infused throughout.

Adult Neurogenic Language Disorders Joan C. Payne, 2014-02-25. **Supporting Family Caregivers of Adults With Communication Disorders** Joan C. Payne, 2015-05-29. **Introduction to Neurogenic Communication Disorders** Hunter Manasco, 2017. **End-of-Life Care Considerations for the Speech-Language Pathologist** Helen Sharp, Amanda Stead, 2024-01-11. The crucial role of speech language pathologists (SLPs) in hospice and palliative settings receives a long overdue focus in **End of Life Care Considerations for the Speech Language Pathologist**, the fifth volume in Plural's Medical Speech Language Pathology book series. Seasoned clinicians provide a practical guide to the terminology, context, and knowledge needed to employ best practices and address the specific needs of patients nearing the end of life. As a profession, speech language pathology focuses primarily on rehabilitation with the expectation that patients' function will improve with intervention. For patients with life-limiting conditions, SLPs play an important role in supporting patients' communication, cognition, eating, drinking, and swallowing, with an emphasis on quality of living. Clinical professionals require tailored resources to develop their knowledge and skills related to appropriate care and treatment in hospice and palliative care contexts, which have been hard to find until now. Nearly all patients experience difficulties with communication and eating as they near the end of life. Patients, family members, and professionals benefit if the patient can communicate, their symptoms indicate the effectiveness of symptom management strategies, participate in setting care goals, and engage in social, emotional, and spiritual conversations with family and members of the care team. This book provides SLP professionals guidance in how to offer meaningful assessments and interventions that meet patients' needs. The book contains case examples together with the latest research and contributing clinicians' years of experience. Supported by these effective and thoughtful strategies, SLPs can offer both comfort and care for patients in their final days.

Key Features: An overview of and introduction to the key concepts and

benefits of hospice and palliative care Guidance on terminology and standard models of end of life care Adult and pediatric case studies with frequently encountered scenarios Chapters authored by a renowned team of contributors Discussion of legal and ethical considerations Practical techniques and strategies for assessment and intervention **Language Case Files in Neurological Disorders** Louise Cummings, 2021-08-30 This book features case studies of ten individuals with acquired neurological disorders These disorders have implications for speech language and communication but to date they have not been the focus of research in speech language pathology Chapters present a brief medical overview of each condition followed by detailed linguistic analysis A carefully assembled narrative captures the impact of each neurological disorder on an individual's daily life and social activities This structured approach supported by further reading and exercises gives readers a nuanced understanding of each disorder's clinical presentation and language and communication features and the complex interrelationship between language communication and cognitive and motor symptoms The book will be of interest to students of all levels researchers and clinicians in speech language pathology and related disciplines including neurology psychiatry and psychology **Australian journal of human communication disorders** ,1986

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