

SECTION ONE: Clinical Decision-Making and Examination

- Chapter 1: **Clinical Decision-Making** 1
Judith E. Deutsch • Susan B. O'Sullivan
- Chapter 2: **Examination of Vital Signs** 31
Shala Cunningham • Thomas J. Schmitz
- Chapter 3: **Examination of Sensory Function** 67
Kimberly L. Malin • Heidi Cheerman • Kevin K. Chui • Sheng-Che Yen
- Chapter 4: **Musculoskeletal Examination** 103
Evangelos Pappas • Eric J. Hegedus
- Chapter 5: **Examination of Motor Function: Motor Control and Motor Learning** 125
Susan B. O'Sullivan • Scott W. Shaffer • Richard J. McKibben
- Chapter 6: **Examination of Coordination and Balance** 181
Dennis W. Klima • Thomas J. Schmitz • Susan B. O'Sullivan
- Chapter 7: **Examination of Gait** 216
Judith M. Burnfield • Guilherme M. Cesar
- Chapter 8: **Examination of Function** 271
David A. Scalzitti
- Chapter 9: **Examination and Modification of the Environment** 293
Kevin M. Parcetich Jr. • Thomas J. Schmitz

SECTION TWO: Intervention Strategies for Rehabilitation

- Chapter 10: **Strategies to Improve Motor Function** 333
Tina M. Stoeckmann • Susan B. O'Sullivan
- Chapter 11: **Strategies to Improve Locomotor Function** 368
George D. Fulk • Lee Dibble
- Chapter 12: **Chronic Pulmonary Dysfunction** 382
Pei-Tzu Wu • Julie Ann Starr
- Chapter 13: **Heart Disease** 415
Konrad J. Dias
- Chapter 14: **Vascular, Lymphatic, and Integumentary Disorders** 469
Tamara N. Gravano • Brian J. Wilkinson • Deborah G. Kelly
- Chapter 15: **Stroke** 523
Judith E. Deutsch
- Chapter 16: **Multiple Sclerosis** 588
Nora E. Fritz • Tara L. McIsaac
- Chapter 17: **Amyotrophic Lateral Sclerosis** 635
Vanina Dal Bello-Haas
- Chapter 18: **Parkinson Disease** 679
Tara L. McIsaac • Edward W. Bezkor
- Chapter 19: **Traumatic Brain Injury** 726
George D. Fulk • Coby Nirider • Gavin Williams • Amy DeBlois
- Chapter 20: **Traumatic Spinal Cord Injury** 759
Amy DeBlois • Mark Bowden • George D. Fulk

- Chapter 21: **Vestibular Disorders** 815
Wagner H. Souza • Michael C. Schubert
- Chapter 22: **Amputation** 849
Tzurei Chen • Kevin K. Chui • Sheng-Che Yen • Kevin M. Parcetich • Margery A. Lockard
- Chapter 23: **Arthritis** 889
Maura Daly Iversen • Michelle Wormley
- Chapter 24: **Burns** 939
R. Scott Ward • Ingrid S. Parry
- Chapter 25: **Chronic Pain** 966
Leslie N. Russek
- Chapter 26: **Psychosocial Issues in Physical Rehabilitation** 1012
Pat Precin
- Chapter 27: **Cognitive and Perceptual Dysfunction** 1054
Carolyn A. Unsworth
- Chapter 28: **Neurogenic Disorders of Speech and Language** 1098
Martha Taylor Sarno • Jessica Galgano
- Chapter 29: **Promoting Health and Wellness** 1119
Janet R. Bezner • Jessica Maxwell • Beth Black

SECTION THREE: **Orthotics, Prosthetics, and Seating
and Wheeled Mobility**

- Chapter 30: **Orthotics** 1149
Christopher Kevin Wong • Daniel J. Lee
- Chapter 31: **Prosthetics** 1180
Christopher Kevin Wong • Daniel J. Lee
- Chapter 32: **Seating and Wheeled Mobility** 1223
Laura J. Cohen • Faith Saftler Savage

Index 1285