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Nota di contenuto	Why is spasticity important? / Allison Brashear and Elie Elovic -- Epidemiology of spasticity in the adult and child / John R. McGuire -- Spasticity and other signs of the upper motor neuron syndrome / Nathaniel H. Mayer -- Ancillary findings associated with spasticity / Cindy B. Ivanhoe -- Measurement tools and treatment outcomes in patients with spasticity / Omar Gomez-Medina and Elie Elovic -- Assessment of spasticity in upper extremity / Thomas Watanabe -- Assessment of spasticity and other consequences of the upper motor neuron syndrome affecting the lower limb / Alberto Esquenazi -- Setting realistic and meaningful goals for treatment / Elie Elovic -- Chemoneurolysis with phenol and alcohol : a "dying art" that merits revival / Lawrence J. Horn, Gurtej Singh, and Edward R. Dabrowski -- Botulinum toxin in the treatment of lower limb spasticity / Alberto Esquenazi -- Botulinum toxin in the treatment of upper limb spasticity / Allison Brashear -- Anatomical correlation of common patterns of spasticity / Mayank Pathak and Daniel Truong -- The role of physical and occupational therapy in the evaluation and management of spasticity / Robert Shingleton, Jonathan H. Kinzinger, and Elie Elovic -- Emerging technologies in the management of upper motor neuron syndromes / Ira Rashbaum and Steven R. Flanagan --

Pharmacologic management of spasticity : oral medications / Jay M. Meythaler and Scott Kowalski -- Intrathecal baclofen for spasticity / Michael Saulino ... [et al.] -- Surgery in the management of spasticity / David A. Fuller -- Diagnostic evaluation of adult patients with spasticity / Geoffrey Sheean -- Overview of genetic causes of spasticity in adults and children / Donald McCorquordale III and Stephan Zuchner -- Spasticity affecting those with neuromuscular diseases : pathology, epidemiology, and treatment / Rachel M. Dolhun and Peter D. Donofrio -- Spasticity due to disease of the spinal cord : pathophysiology, epidemiology, and treatment / Heather W. Walker and Steven Kirshblum -- Spasticity due to multiple sclerosis : epidemiology, pathophysiology and treatment / Anjali Shah and Ian Maitin -- Spasticity due to stroke pathophysiology / Anthony B. Ward and Surendra Bandi -- Spasticity in traumatic brain injury / Ross Zafonte, Stephanie Co, and Anath Srikrishnan -- Evaluation, treatment planning, and nonsurgical treatment of cerebral palsy / Ann Tilton -- Surgical management of spasticity in the child with cerebral palsy / Kat Kolaski, John Frino, and L.A. Koman -- Animal models of spasticity / Patrick Harvey Kitzman.

Sommario/riassunto

Spasticity: Diagnosis and Treatment is the first book solely dedicated to the diagnosis and treatment of spasticity. This pioneering work defines spasticity in the broad context of Upper Motor Neuron Syndrome and focuses not on a single component, but on the entire constellation of conditions that make up the UMNS and often lead to disability. Spasticity: Diagnosis and Treatment clearly defines the process for the diagnosis of spasticity, the basic science behind its pathophysiology, the measurement tools used for evaluation, and reviews the available treatment options. Divided into five secti
