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Titolo	Neurosurgery for Spasticity [[electronic resource]] : A Practical Guide for Treating Children and Adults // by Marc Sindou, George Georgoulis, Patrick Mertens
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ISBN	3-7091-1771-2
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (263 p.)
Disciplina	617.48
Soggetti	Neurosurgery Neurology Neurology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction -- General Information: History of neurosurgical treatment for spasticity -- Anatomical and physiological bases of motricity applied to the study of spasticity -- Adults: Evaluation of spasticity in adults -- Decision-making for treatment of adults with disabling spasticity -- Intrathecal Baclofen therapy -- Botulinum toxin injections for spasticity -- Peripheral neurotomies -- Surgery in dorsal root entry zone -- Children: Introduction -- Assessment of spasticity in pediatric patients -- Decision-making for treatment of children with disabling spasticity -- Dorsal rhizotomies for children with cerebral palsy. .
Sommario/riassunto	The book is devoted to the neurosurgical management of spasticity. Starting with a chapter on the anatomical and physiological foundations of spasticity and a short history of its neurosurgical treatment, it describes the neurosurgical methods currently available. As management differs between adults and children, the book is also structured accordingly, including evaluation, decision-making, Intrathecal Baclofen Therapy (ITB), botulinum toxin therapy, and surgery. Beyond ITB, the neurosurgical options covered include procedures focusing on the peripheral nerves, dorsal roots, Dorsal Root Entry Zone and spinal cord. Based on surgical experience collected with more than a thousand patients, the book gathers the most important

aspects of our present understanding, presented using a practical, educational approach. It stresses the importance of a multidisciplinary approach, including neurologists, pediatricians and rehabilitation specialists. Close collaboration with other surgical disciplines like orthopedic surgery and neuro-urology are also outlined.
