

1. Record Nr.	UNINA9910300222303321
Titolo	Dystonia and Dystonic Syndromes // edited by Petr Kanovsky, Kailash P. Bhatia, Raymond L. Rosales
Pubbl/distr/stampa	Vienna : , : Springer Vienna : , : Imprint : Springer, , 2015
ISBN	3-7091-1516-7
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (254 p.)
Disciplina	610 612.8 616.8 616.89 617.48
Soggetti	Neurology Nervous system - Surgery Psychiatry Neurosciences Neurosurgery Neuroscience
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	Part I. Pathophysiology and nosology of dystonia -- Dystonia: History of the term and syndrome -- Physiology of dystonia -- Genetics of dystonia -- Nosology and classification of dystonia -- Secondary dystonias -- Dystonia - parkinsonism syndromes -- Dystonia in multiple system atrophy and progressive supranuclear palsy -- Psychogenic dystonia -- Part II. Treatment of dystonia -- Pharmacological treatment of dystonia -- Botulinum toxin treatment of dystonia -- Long-term BoNT treatment of dystonia -- Brain plasticity in dystonia -- Surgical treatment of dystonia -- Indications of deep brain stimulation in dystonia -- Pitfalls of deep brain stimulation in dystonia -- Neurorehabilitation in dystonia -- Dystonia in Art: The Impact of Psychiatric and Neurological Disease on the Work of the Sculptor F.X. Messerschmidt.

Sommario/riassunto

The current concept of dystonic movement connects the abnormal function of somatosensory pathways and somatosensory analyzers with the dystonic performance of motor action, which is based on the abnormality of sensorimotor integration. This concept is reflected not only in idiopathic dystonia, but also in secondary and symptomatic dystonias. This book provides a comprehensive history of the terms dystonia and dystonic, the physiology of dystonic movement, and the genetics and clinical appearance of primary and secondary dystonias. Reflecting the latest research findings, *Dystonia and Dystonic Syndromes* offers an in-depth discussion of current treatment options available for dystonia, including pharmacotherapy, surgery, and neurorehabilitation. As such, it offers a valuable reference guide for practitioners in the fields of neurology, neurosurgery, psychiatry and neuroradiology, as well as for neuroscientists.
