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Titolo	Movement Disorders Curricula // edited by Cristian Falup-Pecurariu, Joaquim Ferreira, Pablo Martinez-Martin, Kallol Ray Chaudhuri
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ISBN	3-7091-1628-7
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIII, 453 p. 26 illus., 9 illus. in color.)
Disciplina	616.8
Soggetti	Neurology Internal medicine Geriatrics Neurology Internal Medicine Geriatrics/Gerontology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part 1. Overview -- Computational physiology of the basal ganglia, movement disorders and their therapy -- Animal models of movement disorders -- Epidemiological methods for studying movement disorders -- Clinical overview and phenomenology of movement disorders -- Neuropathology of movement disorders: an overview -- Rational and methodology for the appraisal of clinical trials in movement disorders -- How to record a video of a movement disorders patient -- Rating scales in movement disorders -- Genetics of movement disorders -- Part 2. Parkinson's Disease -- Etiology and pathogenesis of Parkinson's disease -- Clinical features and differential diagnosis of Parkinson's disease -- Non-motor problems in Parkinson's disease -- The natural history of Parkinson's disease -- Medical treatment of Parkinson's disease -- Surgical treatment of PD, transplantations and restorative therapies for Parkinson's disease -- Quality of life in Parkinson's disease -- Part 3. Other Movement Disorders -- Multiple system atrophy -- Progressive supranuclear palsy -- Cortico-basal degeneration -- Lewy body dementia and related syndromes -- Toxic-induced Parkinsonism -- Vascular parkinsonism

-- Stiff-person syndromes -- Dystonia -- Huntington disease.-Chorea, ballism, athetosis.-Tardive dyskinesia -- Tics and Tourette syndrome -- Tremors: differential diagnosis, pathophysiology, and thera -- Myoclonus and Startle syndromes: phenomenology, etiology, physiology, and treatment -- Ataxia: pathophysiology, and clinical syndromes -- The paroxysmal dyskinesias.-Wilson disease – neurological aspects; clinical manifestations and treatment considerations -- Psychogenic movement disorders: phenomenology, diagnosis, and treatment -- REM sleep behavior disorder -- Restless legs syndrome and painful legs/moving toes -- Botulin toxin in movement disorders and spasticity -- Pantothenate Kinase-Associated Neurodegeneration -- Movement disorders of the face -- Drug-induced movement disorders -- Stereotypy -- Movement disorders in children -- Systemic illnesses that cause movement disorders -- Neuroacanthocytosis syndromes.

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### Sommario/riassunto

This book offers a comprehensive approach to the wide range of movement disorders, an important specialty in the field of neurology, guiding readers from the phenomenology to diagnosis and management. Reflecting the latest developments in the field, it offers a unique summary of this dynamic area by pursuing a uniform approach to movement disorders curricula. Divided into three parts, Movement Disorders Curricula provides an authoritative overview of this growing branch of neurology. The first part presents the basic elements of movement disorders, including descriptions of the anatomy and physiology of the basal ganglia. It also features sections on clinical trials for movement disorders, practical skills, and rating scales. The second and third part examine in detail hypokinetic and hyperkinetic movement disorders, respectively. Equipping readers with the practical and research skills needed in the movement disorders field, the book offers a valuable tool to help them prepare for board examinations on general neurology, as well as for fellowships in movement disorders. .

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