

MOVEMENT DISORDERS: THERAPY UPDATE FOR THE MODERN CLINICIAN

PROCEEDINGS OF A SYMPOSIUM

Supplement 2 to Volume 79 • July 2012

www.cjcm.org/content/79/Suppl_2

Supplement Editors

HUBERT H. FERNANDEZ, MD
Cleveland Clinic

NESTOR GALVEZ-JIMENEZ, MD
Cleveland Clinic Florida

Contents

- Managing the patient with newly diagnosed Parkinson disease** S3
Carlos Singer, MD
- Off spells and dyskinesias: Pharmacologic management of motor complications** S8
Tarannum S. Khan, MD
- Nonmotor complications of Parkinson disease**..... S14
Hubert H. Fernandez, MD
- Deep brain stimulation for movement disorders: Patient selection and technical options** S19
Andre G. Machado, MD, PhD; Milind Deogaonkar, MD; and Scott Cooper, MD, PhD
- Use of chemodeneration in dystonic conditions** S25
Maurice Hanson, MD
- Comprehensive treatment of Huntington disease and other choreic disorders** S30
Carlos Singer, MD
- Tics and Tourette syndrome: An adult perspective** S35
Nestor Galvez-Jimenez, MD, MSc, MS(HSA), FACP
- Surgical considerations for tremor and dystonia**..... S40
Scott Cooper, MD, PhD, and Mark Bowes, PhD

Introduction

The pharmacologic options for movement disorders are increasing, with more than 12 drugs available in the United States for treatment of Parkinson disease (PD) and many more under investigation. In addition, some patients with movement disorders may be candidates for surgical therapies. Still, challenges remain. Early PD requires skillful decision-making to maximize the potential benefits of levodopa, for example. Expertise is necessary to select appropriate candidates for deep brain stimulation and other surgical options. Developing a management plan for patients who have Huntington disease requires considerable proficiency.

This *Cleveland Clinic Journal of Medicine* supplement addresses these and other challenges faced by clinicians who care for patients with movement disorders. The supplement, a continuing medical education activity, presents the proceedings of a symposium, "The Annual Therapy Symposium on Movement Disorders for the Modern Clinician," held in Fort Lauderdale, Florida, on January 29, 2011. Clinicians who read the proceedings will find guidance for selection of pharmacologic therapy, a detailed explanation of deep brain stimulation, practical recommendations for managing motor and nonmotor complications of PD, and other useful information that will enhance the care of patients with movement disorders.

Hubert H. Fernandez, MD
Nestor Galvez-Jimenez, MD
Activity Directors and Supplement Editors

Copyright © 2012 The Cleveland Clinic Foundation. All rights reserved.

The statements and opinions expressed in this supplement to *Cleveland Clinic Journal of Medicine* are those of the authors and not necessarily those of The Cleveland Clinic Foundation, its Board of Trustees, or Teva Pharmaceuticals. They do not necessarily represent formal practice guidelines in effect at Cleveland Clinic.

Cleveland Clinic Journal of Medicine [ISSN 0891-1150 (print), ISSN 1939-2869 (online)] is published 12 times yearly by The Cleveland Clinic Foundation.

Subscription rates: U.S. and possessions: personal \$120; institutional \$148; single copy/

back issue \$20. Foreign: \$165; single copy/back issue \$20. Institutional (multiple-reader) rate applies to libraries, schools, hospitals, and federal, commercial, and private organizations. Individual subscriptions must be in the names of and paid by individuals.

Postmaster address changes: *Cleveland Clinic Journal of Medicine*, 1950 Richmond Road, TR4-04, Lyndhurst, OH 44124. Subscription orders, editorial, reprint, and production offices (same address): 216-444-2661 (phone); 216-444-9385 (fax); cjcm@ccf.org (e-mail); www.cjcm.org (Web).

Printed in USA.