

18th Annual Course
**A COMPREHENSIVE REVIEW OF
MOVEMENT DISORDERS
FOR THE CLINICAL PRACTITIONER**

Hotel Jerome, Aspen, Colorado

July 28 - 31, 2008

Endorsed by:



The Movement Disorder Society



COLUMBIA UNIVERSITY

*College of Physicians
and Surgeons*

STANLEY FAHN, M.D.

Columbia University
College of Physicians & Surgeons
New York, New York

BCM

Baylor College of Medicine

JOSEPH JANKOVIC, M.D.

Baylor College of Medicine
Houston, Texas



NATIONAL INSTITUTE OF
NEUROLOGICAL
DISORDERS AND STROKE

MARK HALLETT, M.D.

National Institute of
Neurological Disorders & Stroke
Bethesda, Maryland

KING'S
College
LONDON
Founded 1284

PETER G. JENNER, Ph.D., D.Sc.

King's College London
London, England

MEETING LOCATION

Hotel Jerome
330 East Main Street
Aspen, CO 81611
www.hoteljerome.com
(800) 331-7213
(970) 920-1000

ASPEN, COLORADO

Aspen is located 200 miles southwest of Denver at an elevation of 7,900 feet in the midst of the White River National Forest, near some of the most spectacular scenery in Colorado.

A wide variety of activities are offered in the summer, including music, dance, theater, hiking, climbing, fly-fishing, white water rafting, biking, golf, tennis, horseback riding, hot air ballooning, back country jeeping, shopping, dining, scenic airplane tours, and wilderness houseboat tours on a scenic mountain lake. Many local attractions include the Wheeler Opera House, Aspen Historical Society, Aspen Art Museum, Aspen Summer Music and Dance Festivals, and the Ashcroft ghost town.

The famed Aspen Music Festival boasts more than 200 musical events over a period of nine weeks, featuring symphonic, chamber, choral and opera performances. Passes to the festival will be available to conference attendees at a reduced rate. Further information regarding the music festival and recreational activities will be forwarded to you upon receipt of the registration form.

Colorado weather features warm days, cool evenings and occasional afternoon showers. Bring clothing suitable for temperatures between 50 and 80 degrees. Casual wear is recommended.

FOR ADDITIONAL INFORMATION

Contact: Center for Continuing Medical Education
Columbia University College of Physicians & Surgeons
630 West 168th Street, Unit 39
New York, NY 10032

Telephone: (212) 305-3334
Fax: (212) 781-6047

e-mail: cme@columbia.edu
<http://ColumbiaCME.org>

FACULTY

Stanley Fahn, M.D., *H. Houston Merritt Professor of Neurology; Director, Center for Parkinson Disease and Other Movement Disorders, Columbia University College of Physicians & Surgeons, New York, New York*

Joseph Jankovic, M.D., *Professor of Neurology, Baylor College of Medicine; Director, Parkinsons Disease Center and Movement Disorders Clinic, Houston, Texas*

Mark Hallett, M.D., *Chief, Human Motor Control Section, National Institute of Neurological Disorders and Stroke, National Institutes of Health, Bethesda, Maryland*

Peter G. Jenner, Ph.D., D.Sc., *Professor & Head, Division of Pharmacology & Therapeutics; Director, Neurodegenerative Diseases Research Centre, Guy's, King's and St. Thomas' School of Biomedical Sciences, King's College, London, England*

PROGRAM DESCRIPTION & OBJECTIVES

This course is designed for general neurologists, neurology residents, and others in the health profession who wish to enhance their knowledge of movement disorders. This program will deal with classification of these disorders, their differential diagnosis and treatment. The goals of the course are twofold: to introduce the field to the novice, and to increase the level of knowledge of current practitioners in the field. This material will be presented in four morning sessions utilizing didactic lectures and videotape demonstrations. The format of the program is intended to provide ample time for questions and discussion following each presentation.

Participants are encouraged to bring interesting cases from their own practice for presentation during the "Night Video Rounds" session.

ACCREDITATION

The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The College of Physicians and Surgeons designates this educational activity for a maximum of **21.5 category 1 credits** towards the AMA Physician's Recognition Award. Each physician should claim only those credits that he/she actually spent in the activity. This program has been planned and produced in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME). Before the program, all faculty will disclose the existence of any financial interest and/or other relationship(s) (e.g. employee, consultant, speaker's bureau, grant recipient, research support, stock ownership or any other special relationship) they might have with a) the manufacturer(s) of any commercial product(s) to be discussed during their presentation and/or b) any commercial contributor to this activity. When unlabeled uses are discussed, these will also be indicated.

MONDAY, JULY 28, 2008

*DIFFERENTIAL DIAGNOSIS, EVALUATION,
CHOREA & TARDIVE DYSKINESIA*

- 6:45 a.m. *Registration; Aspen Breakfast Buffet*
- 7:30 a.m. Overview & Phenomenology
of Movement Disorders **Stanley Fahn, M.D.**
- 9:00 a.m. Motor Control: Physiology of Voluntary and
Involuntary Movements **Mark Hallett, M.D.**
- 9:30 a.m. Functional Neuroanatomy and Chemistry of the Basal
Ganglia **Peter G. Jenner, Ph.D., D.Sc.**
- 10:10 a.m. *Refreshment Break*
- 10:30 a.m. Huntington Disease **Joseph Jankovic, M.D.**
- 11:20 a.m. The Tardive Syndromes: Phenomenology,
Concepts on Pathophysiology & Treatment
..... **Stanley Fahn, M.D.**
- 12:25 p.m. Chorea, Ballism & Athetosis:
Phenomenology and Etiology **Joseph Jankovic, M.D.**
- 1:00 p.m. *Adjourn*

TUESDAY, JULY 29, 2008

PARKINSONISM

- 7:00 a.m. *Registration; Aspen Breakfast Buffet*
- 7:30 a.m. Parkinsonism: Clinical Features
& Differential Diagnosis **Joseph Jankovic, M.D.**
- 8:10 a.m. Current Concepts on the Etiology and Pathogenesis of
Parkinson's Disease **Peter G. Jenner, Ph.D., D.Sc.**
- 8:50 a.m. Medical Treatment of Parkinson Disease,
Part I **Stanley Fahn, M.D.**
- 9:50 a.m. *Refreshment Break*
- 10:10 a.m. Medical Treatment of Parkinson Disease,
Part II **Stanley Fahn, M.D.**
- 11:00 a.m. Surgical Treatment of Parkinson Disease
..... **Joseph Jankovic, M.D.**
- 11:35 a.m. New & Emerging Therapies for
Parkinson Disease **Peter G. Jenner, Ph.D., D.Sc.**
- 12:00 p.m. Atypical Parkinsonian Syndromes
..... **Joseph Jankovic, M.D.**
- 1:00 p.m. *Adjourn*
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WEDNESDAY, JULY 30, 2008

DYSTONIA, MYOCLONUS, TICS & ATAXIA

- 7:00 a.m. *Registration; Aspen Breakfast Buffet*
- 7:30 a.m. Dystonia: Phenomenology, Classification,
Etiology, Genetics and Pathophysiology
..... **Stanley Fahn, M.D.**
- 8:55 a.m. Treatment of Dystonia Including
Botulinum Toxin Therapy and Surgery
..... **Joseph Jankovic, M.D.**
- 9:55 a.m. *Refreshment Break*
- 10:15 a.m. Myoclonus: Phenomenology, Etiology,
Physiology and Treatment
..... **Mark Hallett, M.D.**
- 11:15 a.m. Tics: Phenomenology, Pathophysiology,
Genetics and Treatment
..... **Joseph Jankovic, M.D.**
- 12:10 p.m. Ataxia and Gait Disorders: Pathophysiology
& Clinical Syndromes **Mark Hallett, M.D.**
- 1:00 p.m. *Adjourn*
- 8:00 p.m. Night Video Rounds (Refreshments will be served)
Featuring video presentations and Q & A.
Participants are encouraged to bring their own cases to be
discussed. Note: Videos should be edited to a maximum of 3
minutes per case.
- 10:00 p.m. *Adjourn*

THURSDAY, JULY 31, 2008

***TREMOR, PSYCHOGENIC, PERIPHERAL
& PAROXYSMAL MOVEMENT DISORDERS***

- 7:00 a.m. *Registration; Aspen Breakfast Buffet*
- 7:30 a.m. Tremor: Classification, Physiology and Treatment
..... **Joseph Jankovic, M.D.**
- 8:20 a.m. Psychogenic Movement Disorders:
Phenomenology, Diagnosis and Treatment
..... **Stanley Fahn, M.D.**
- 9:40 a.m. *Refreshment Break*
- 9:55 a.m. Stiff-People, Restless Legs and
Peripheral Movement Disorders
..... **Mark Hallett, M.D.**
- 10:55 a.m. Paroxysmal Dyskinesias **Stanley Fahn, M.D.**
- 11:30 a.m. Wilson Disease **Mark Hallett, M.D.**
- 12:00 p.m. *Adjourn*
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ACCOMMODATIONS

A block of rooms has been reserved at the Hotel Jerome. These special room rates are available to course attendees from July 27 - August 1, 2008. Please note, all rates quoted are subject to state and local taxes. Other rates and conditions may apply.

Guests are responsible for all nights reserved, regardless of actual arrival or departure dates.

Reservations should be made directly with the Reservations Department. To receive the rates quoted remember to mention that you are a registrant of the Columbia University "Movement Disorders" conference.

Space at the Hotel Jerome will be held until the cut-off date listed or until the room block has been exhausted, whichever comes first. Reservations received after the cut-off date are subject to availability and prevailing rates.

Due to the shortage of hotel rooms during Aspen's summer peak season, we strongly suggest making your reservations early.

Hotel Jerome
330 East Main Street
Aspen, CO 81611
www.hoteljerome.com

Deluxe King: \$425
Grand Deluxe: \$525
Grand Double: \$555

(800) 331-7213
(970) 920-1000

Cut-Off: June 13, 2008

For additional lodging options, please contact Stay Aspen Snowmass, the official central reservations for the Aspen Snowmass area, at (800) 216-7669 or visit: www.stayaspensnowmass.com.

In order to receive a discounted processing fee of \$10.00, remember to mention you are a registrant of the Columbia University "Movement Disorders" conference.

TUITION FEES

Physicians: \$475; Fellows & Residents in training: \$300 (with letter from program director certifying status); Other Health Professionals: \$300. The tuition fee includes the academic presentations, daily breakfast buffet and refreshments, and a course syllabus. Confirmation of registration will be sent upon receipt of the registration form.

Refund of registration fee, less a \$25 administrative charge, will be made if written notice of cancellation is received by **July 18, 2008**. No refunds can be made thereafter.

REGISTRATION

By Mail: Complete the registration form and mail with full payment to:
**Columbia University College of Physicians & Surgeons
Center for Continuing Medical Education
630 West 168th Street, Unit 39, New York, NY 10032**

By Fax: Registrants may fax the registration form with credit card information to: **(212) 781-6047**

On-Line: <http://ColumbiaCME.org>

Telephone registrations and/or cancellations are not accepted.

**COLUMBIA UNIVERSITY
Continuing Education Registration Form**

**Movement Disorders
(Please Print or Type)**

Name _____
Last *First* *Middle*

Address _____
Street *City* *State* *Zip*

Province *Country* *Postal Code*

Daytime Phone (_____) _____ Fax (_____) _____

Institution _____ E-mail _____

Degree _____ Specialty _____ Board Certified Yes No

Date _____ Signature _____

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- \$475 Physicians Neurology PM 806
 \$300 Residents & Fellows (in training with a letter) July 28 - 31, 2008
 \$300 Other Health Professionals 10701/21.5

- Enclosed is a check or money order payable to **Columbia University**.
Checks must be in U.S. Dollars drawn on a U.S. bank.
Money orders must be in U.S. Dollars.

Please charge to: MasterCard Visa Exp. Date _____

Card Number _____

Cardholder's Name _____

Cardholder's Signature _____

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