

6th Annual

COMPREHENSIVE Neurotoxin Course for Neurological Conditions

A webinar series + full day live program

**ATTENTION
RESIDENTS AND FELLOWS**
Complimentary Registration
+
Limited Travel Stipends
Available!

8 webinars:

Wednesday evenings from
September 6–October 25, 2017

Full day live program:

Friday, November 10, 2017



Register Today! www.ccfcmcme.org/CNCNC17

COMPREHENSIVE Neurotoxin Course for Neurological Conditions

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Course Description

With the ever-growing therapeutic indications for toxin treatment, increasing numbers of available toxins, and the potential dangers and pitfalls if toxin injections are performed sub-optimally, there is a clear need for a comprehensive training of toxin injection.

The clear educational need is for a thorough and intensive training that incorporates balanced and comprehensive didactic lectures, the opportunity to ask questions on uncertain areas, live demonstrations, and true assessment of understanding of concepts and readiness for injection.

This comprehensive program is unique in its duration, breadth, and content delivery. It consists of eight computer-based sessions held live on Wednesdays from September to October, that allows interaction with faculty and modular examinations. The series culminates with a full day live program held in Cleveland that features toxin injection demonstrations on actual patients. The faculty are North American thought-leaders in dystonia and toxin injections with reputations for being exemplary educators.

Participants may register for the eight webinar series or the full day live program or both. Special discount for those who register for both.

Target Audience

This educational activity is intended for neurologists, physiatrists, residents, fellows and nurse practitioners.

The Objectives

Overall objective:

To provide the practicing clinician or clinician-in-training the necessary knowledge needed to competently utilize all types botulinum toxins for various neurological indications.

Specific objectives:

- Describe the fundamental pharmacology of botulinum toxin, its history, mechanisms of action, duration and onset of action, potential side effects, contraindications, and clinical indications.
- List the four toxin types available in North America and summarize their differences and similarities in clinical response, dosing, side effects, preparation, and administration.
- Review the different therapeutic uses of botulinum toxins in neurological disorders, both FDA-approved indications (eg, cervical dystonia, blepharospasms, headache, upper limb spasticity) and off-label uses (eg, limb spasticity and dystonia, hemifacial spasms, oromandibular dystonia, spasmodic dysphonia, sialorrhea, tics, tremor).
- Describe the proper administration of all types of botulinum toxins including anatomic localization, target and muscle selection, use of electromyographic and ultrasound guidance, and injection techniques.
- Illustrate the proper and ethical process of consent, preauthorization, billing, and coding for botulinum toxin use.

Full Day Live Program Location

Bunts Auditorium, Jennings Building, Cleveland Clinic

9500 Euclid Ave
Cleveland, OH

Hotel Accommodations

Hotel reservations are separate from the course registration and are the responsibility of the participant. A block of rooms at the group rate of \$135 + 16.50% tax has been reserved at

Holiday Inn Cleveland Clinic
8650 Euclid Ave, Cleveland, OH 44106
Telephone: 216.707.4200

The cut-off date for the special rate is October 10, 2017.

Accreditation

The Cleveland Clinic Foundation Center for Continuing Education is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

Webinars:

The Cleveland Clinic Foundation Center for Continuing Education designates each live activity for a maximum of 1.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Live Meeting:

The Cleveland Clinic Foundation Center for Continuing Education designates this live activity for a maximum of 7.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Participants claiming CME credit from this activity may submit the credit hours to the American Osteopathic Association for Category 2 credit.

Americans with Disabilities Act

The Cleveland Clinic Foundation Center for Continuing Education fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please notify Beth Viscomi at 216.444.7591 or viscomb@ccf.org at least two weeks prior to the activity.

Information

Shana Spade: 216.444.9380

Email: spades@ccf.org

Fax: 216.445.9908

Webinar Schedule

Wednesdays, 7:30-9:00 pm (EST) from September 6 to October 25, 2017.
See schedule below for specific dates.

Module 1: Introduction to Botulinum Toxins

Web Presentation/Web Chat: Wednesday, September 6, 7:30-9:00 pm EST
William Ondo, Methodist Neuroscience Institute

Module 2: Headache and Facial Pain

Web Presentation/Web Chat: Wednesday, September 13, 7:30-9:00 pm EST
Stewart Tepper, Geisel School of Medicine at Dartmouth

Module 3: Oromandibular, Lingual Dystonia and Spasmodic Dysphonia

Web Presentation/Web Chat: Wednesday, September 20, 7:30-9:00 pm EST
Steven Charous, Otolaryngology Group Ltd

Module 4: Blepharospasms and Hemifacial Spasms

Web Presentation/Web Chat: Wednesday, September 27, 7:30-9:00 pm EST
Wayne Cornblath, University of Michigan Health System

Module 5: Cervical Dystonia

Web Presentation/Web Chat: Wednesday, October 4, 7:30-9:00 pm EST
Mark Lew, University of Southern California

Module 6: Limb Dystonia and Spasticity

Web Presentation/Web Chat: Wednesday, October 11, 7:30-9:00 pm EST
Raymond Rosales, Metropolitan Medical Center

Module 7: Other Neurological Uses of Neurotoxin (Sialorrhea, Tremor, Tics, Gait Freezing, Hyperhidrosis, Truncal Dystonia, etc.)

Web Presentation/Web Chat: Wednesday, October 18, 7:30-9:00 pm EST
Joohee Jimenez-Shahed, Baylor College of Medicine

Module 8: Proper and Ethical Consenting, Billing, Coding Practices

Web Presentation/Web Chat: Wednesday, October 25, 7:30-9:00 pm EST
Zoltan Mari, Johns Hopkins University School of Medicine

NOTE: All webinars will be available for viewing online for one year after each live installment.

Full Day Live Program: Friday, November 10, 2017

**Bunts Auditorium/Jennings Bldg. (TT Bldg.)
The Cleveland Clinic**

7:00 am - 8:00 am	Registration and Breakfast
8:00 am - 9:00 am	Final Review: Pearls and Pitfalls in Neurotoxin Injections <i>Cynthia Comella, Rush University</i>
9:00 am - 12:00 pm	Live Demonstration I <i>Cleveland Clinic Faculty</i> <i>Anwar Ahmed, Francois Bethoux, Paul Bryson, Hubert Fernandez, Michal Gostkowski, Ilta Itin and MaryAnn Mays</i>
12:00 pm - 1:00 pm	Lunch
1:00 pm - 4:00 pm	Live Demonstration II <i>Cleveland Clinic Faculty</i> <i>Anwar Ahmed, Francois Bethoux, Paul Bryson, Hubert Fernandez, Michal Gostkowski, Ilta Itin and MaryAnn Mays</i>
4:00 pm	Adjourn

All presentations include a 5-minute question and answer period.

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Course Directors

Hubert H. Fernandez, MD
Cleveland Clinic

Cynthia L. Comella, MD
Rush University

Webinar Faculty

Steven Charous, MD
Otolaryngology Group Ltd

Wayne Cornblath, MD
University of Michigan Health System

Joohee Jimenez-Shahed, MD
Baylor College of Medicine

Mark Lew, MD
University of Southern California

Zoltan Mari, MD
Johns Hopkins University School of Medicine

William Ondo, MD
Methodist Neuroscience Institute

Raymond Rosales, MD
Metropolitan Medical Center,
Manila, Philippines

Stewart Tepper, MD
Geisel School of Medicine at Dartmouth

Live Program Faculty

Anwar Ahmed, MD
Cleveland Clinic

Francois Bethoux, MD
Cleveland Clinic

Paul Bryson, MD
Cleveland Clinic

Cynthia Comella, MD
Rush University

Hubert Fernandez, MD
Cleveland Clinic

Michal Gostkowski, DO
Cleveland Clinic

Ilta Itin, MD
Cleveland Clinic

MaryAnn Mays, MD
Cleveland Clinic

Faculty Disclosure Statement

The Cleveland Clinic Foundation Center for Continuing Education has implemented a policy to comply with the current Accreditation Council for Continuing Medical Education Standards for Commercial Support requiring resolution of all faculty conflicts of interest. Faculty declaring a relevant commercial interest will be identified in the activity syllabus.

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Registration and Cancellation

Webinars

Registration deadline for each webinar is 48 hours prior to original air date. In case of cancellation, email notification is required to process your refund. A full refund will be issued if canceled by August 23, 2017. After August 23, 2017, a \$25 cancellation fee will be deducted from your refund. **No refunds for the live webinars will be issued after September 1, 2017.**

Live Meeting

Registrations will be accepted for the live meeting until 5:00 PM EST November 7, 2017. Register on site after this date. In case of cancellation, email notification is required to process your refund. A full refund will be issued if canceled by October 27, 2017. After October 27, 2017, a \$25 cancellation fee will be deducted from your refund. **No refunds for the live meeting will be issued after November 3, 2017.**

For questions about registration, call **216.448.8710** or email **cmeregistration@ccf.org**

Cleveland Clinic Center for Continuing Education reserves the right to cancel or postpone an activity at our sole discretion. In the unlikely event that this occurs, any registration fee(s) paid will be refunded. Be advised that Cleveland Clinic is not responsible for related costs including airline tickets, hotel costs, or any similar fee penalties incurred as a result of any trip cancellations or changes.

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To Register Online Go To:

www.ccfcmc.org/CNCNC17

Cleveland Clinic employee fees and registration are available online only.

Registration Fees:

Webinar series of eight modules:	\$250
Full day live program:	\$100
Webinar series of eight modules AND full day live program:	\$300 (save \$50)
Movement Disorders Fellows and Neurology or Psychiatry Residents*	No Charge
*(Must provide letter from program director)	

Cleveland Clinic recognizes the importance of protecting the privacy and security of information provided to us. Therefore, we are no longer requesting credit card data in writing, including on registration forms or faxes. If you would like to register using a credit card, please log in to www.ccfcmc.org/CNCNC17 or call 216.448.8710 where it will be handled directly by a certified processor.