



A 1.5-day conference hosted by:
North American Neurotoxin Association
North Central Headache Society

UPDATE ON Craniofacial Pain and Dystonia

Earn up to **9.5 AMA PRA
Category 1 Credits™**

September 23-24, 2016

MOUNT CARMEL EDUCATION CENTER
7333 SMITH'S MILL ROAD, NEW ALBANY, OH

COURSE DIRECTORS

David E. Riley, MD

*Chair of Medical Education
InMotion
Cleveland, Ohio*

Martin Taylor, DO, PhD

*Neurology / OrthoNeuro
Clinical Associate Professor, Neurology
Ohio University College
of Osteopathic Medicine
Columbus, Ohio*

See reverse for full faculty listing

Joint providers, University of Cincinnati and MedEd Consulting, Inc., in collaboration with the North American Neurotoxin Association (NANA) and the North Central Headache Society (NCHS) are organizing a 1.5-Day Conference.

The goal of the conference, *Update on Craniofacial Pain and Dystonia*, is to educate practitioners in the mechanism of action, therapeutic rationale, and clinical application of botulinum neurotoxin in the management of patients with head and neck dysfunction. The NANA/NCHS Tandem Conference is offering up to 9.5 AMA PRA Category 1 Credits™.

TARGET AUDIENCE

This course is designed for physicians, including neurologists, pediatricians, internists, gynecologists, family medicine physicians, physiatrists, and pain specialists as well as nurse practitioners, physician assistants, registered nurses, physical therapists, residents, students, practitioners treating head, neck, and facial pain, and all other healthcare professionals with an interest in the clinical application of botulinum neurotoxin in the management of patients with head and neck dysfunction.

LEARNING OBJECTIVES

At the conclusion of this activity, learners will be able to:

- Discuss the mechanism of action and the conceptual basis for the use of therapeutic botulinum neurotoxin therapy in patients with oromandibular dystonia and bruxism/ temporomandibular dysfunction, blepharospasm, cervical dystonia, migraine headache, cervicogenic headache, and neck pain
- Summarize the scientific data on the analgesic properties of BoNT in treating patients with head and neck dysfunction
- Explain the safety and efficacy of botulinum serotypes approved by the FDA for clinical use
- Describe the diagnosis and treatments for facial pain and headache in pediatrics
- Review the clinical criteria for the classification of migraine and inpatient refractory headaches
- Discuss the association between headaches and sleep apnea, bruxism/ temporomandibular dysfunction, allergies and sinus disorders
- Identify techniques for the safe and effective injection of botulinum toxin/nerve blocks/sphenocath for headaches

Jointly hosted by:



Jointly provided by:



*There is a \$50 registration fee
for this educational activity.
A full refund will be provided for cancellations
up to 30 days prior to the event.*

TO REGISTER, VISIT: NANeurotoxin.org

COURSE DIRECTORS

David E. Riley, MD
Chair of Medical Education
InMotion
Cleveland, OH

Martin Taylor, DO, PhD
Neurology / OrthoNeuro
Clinical Associate Professor, Neurology
Ohio University College
of Osteopathic Medicine
Columbus, OH

FACULTY

Laxman Bahroo, DO
Director Botulinum Toxin Clinic
Director Neurology Residency Program
Associate Professor of Neurology
Georgetown University Hospital
Washington, DC

Khashayar Dashtipour, MD, PhD
Associate Professor Neurology & Basic Sciences
Director, Division of Movement Disorders
Department of Neurology/Movement Disorders
Loma Linda University School of Medicine
Loma Linda, CA

Vince Martin, MD
Professor of Medicine
University of Cincinnati School of Medicine
Director, UC Headache & Facial Pain Program
UC Health Physicians Office (Clifton)
Cincinnati, OH

MaryAnn Mays, MD
Staff Neurologist
Director, Neurology Residency Program
Headache Center
Center for Neurological Restoration,
Neurological Institute, Cleveland Clinic
Cleveland, OH

Jeff Okeson, DMD
Professor and Director, Orofacial Pain Center
University of Kentucky
Lexington, KY

Ann Pakalnis, MD
Professor of Clinical Pediatrics and Neurology
The Ohio State University College of Medicine
Director, Comprehensive Headache Clinic
Nationwide Children's Hospital
Columbus, OH

David E. Riley, MD
Chair of Medical Education
InMotion
Cleveland, OH

Martin Taylor, DO, PhD
Neurology/ OrthoNeuro
Clinical Associate Professor, Neurology
Ohio University College
of Osteopathic Medicine
Columbus, OH

Stewart Tepper, MD
Professor of Neurology
Geisel School of Medicine at Dartmouth
Hanover, NH

Kevin Weber, MD/MHA
Assistant Professor of Neurology
The Ohio State University Neurological Institute
Department of Neurology
Columbus, OH

TO REGISTER, VISIT: **NA Neurotoxin.org**

*There is a \$50 registration fee for this educational activity.
A full refund will be provided for cancellations up to 30 days prior to the event.*

Friday September 23, 2016 – 6:15pm to 9:30pm

North American Neurotoxin Association (David Riley, MD Chairman)

6:00pm – 6:15pm	Registration
6:15pm – 6:30pm	Welcome and Introductions —David Riley, MD
6:30pm – 7:15pm	The Differential Diagnosis and Management of Oromandibular Dystonia —Jeff Okeson, DMD
7:15pm – 8:00pm	Case Studies in Cervical Dystonia —Khashayar Dashtipour, MD, PhD
8:00pm – 8:15pm	Break
8:15pm – 8:45pm	Billing and Coding Update —Martin Taylor, DO, PhD
8:45pm – 9:30pm	Case studies in Blepharospasm and Facial Spasms —David Riley, MD
9:30pm	Adjourn

Saturday September 24, 2016 – 8:00am to 4:00pm

North Central Headache Society (Martin Taylor, DO, PhD Chairman)

7:30am – 8:00am	Breakfast and Industry Booths
8:00am – 8:20am	Welcome and Introductions —Martin Taylor, DO, PhD
8:20am – 9:00am	Role of Bruxism / Temporomandibular Dysfunction in Headache —Jeff Okeson, DMD
9:00am – 9:40am	Sleep Disorders in Headache
9:40am – 10:10am	Botulinum Toxin Therapy for Cervicogenic Headache and Neck Pain —Laxman Bahroo, DO
10:10am – 10:30am	Break
10:30am – 11:10am	Emerging Treatments for Migraine —Stewart Tepper, MD
11:10am – 11:50am	The Role of Allergies and Sinus Disorders in Headache and Facial Pain —Vince Martin, MD
11:50am – 12:25pm	Lunch Break
12:25pm – 1:10pm	Inpatient Treatment of Refractory Headache —MaryAnn Mays, MD
1:10pm – 1:50pm	Neuropathic Facial Pain —Kevin Weber MD
1:50pm – 2:00pm	Break
2:00pm – 3:00pm	Pediatric and Adult Cases of Atypical Headache and Facial Pain —Ann Pakalnis, MD
3:00pm – 4:00pm	Injections for Headache Demonstration (Botulinum Toxin/Nerve Blocks/Sphenocath) —Martin Taylor, DO, PhD
4:00pm – 4:05pm	Program Post Assessment and Evaluation

ACCREDITATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University of Cincinnati and MedEd Consulting, Inc. The University of Cincinnati is accredited by the ACCME to provide continuing education for physicians.

AMA Credit Designation Statement:

The University of Cincinnati designates this Live Activity for a maximum of 9.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The University of Cincinnati designates this activity for up to 9.5 hours of participation for continuing education for allied health professionals.

HOTEL ACCOMMODATIONS

If hotel accommodations are needed, the Courtyard Columbus New Albany is conveniently located half a mile from Mount Carmel at 5211 Forest Drive, New Albany, OH 43054.

To book a reservation, call 614-855-1505 or go online:

<http://www.marriott.com/hotels/travel/cmhal-courtyard-columbus-new-albany>