INTERACTIVE SYMPOSIUM

- Expert panel discussions
  - Skill stations in nerve blocks and onabotulinum toxin injection in headache
  - Women and migraine
  - Special topics in headache treatment
  - Post-traumatic headache & concussion
- Physician wellness experience
- Discussion on challenging headache cases and refractory headache management
- Featuring a pre-symposium Self-Assessment activity
COURSE DESCRIPTION
This course provides attendees with an update on the diagnosis and management of primary and secondary headache disorders. The format will include lectures from internationally renowned experts, panel discussions, interactive question and answer sessions, and optional small-group breakout sessions on special topics in headache. This symposium will also feature a pre-symposium Self-Assessment Activity.

LEARNING OBJECTIVES
Upon completion of this activity, participants should be able to:
• Distinguish between primary headache disorders and headaches symptomatic of other disease.
• Differentiate episodic and chronic primary headache disorders to formulate diagnosis.
• Formulate treatment plans for primary headache disorders frequently encountered in both the primary care setting and general neurological practice.
• Manage headaches due to sports-related concussion.
• Apply techniques for the administration of onabotulinumtoxinA and nerve blocks in migraine and other headache disorders.
• Review the new American Headache Society evidence-based guidelines for the treatment of cluster headache.
• Explain AAN guidelines regarding appropriate dosage for acute or preventative medication treatment of migraines.

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

INTENDED AUDIENCE
All practitioners who evaluate and treat headache patients including internists, family medicine practitioners, neurologists and allied health professionals.

GRANTS AND EXHIBITS
At the time of this printing, a complete listing of commercial supporters (financial or in-kind) was not available. Appropriate acknowledgment will be given to all supporters at the time of the meeting. Exhibits will be available for viewing at all scheduled breaks.

DISCLAIMER
Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

CREDIT
Mayo Clinic College of Medicine is accredited by the ACCME to provide continuing medical education for physicians.
Mayo Clinic College of Medicine designates this live activity for a maximum of 18 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.
MOC Self-Assessment activity is pending ABPN approval.
Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.
This program is pending approval with AANP.
This program has been accredited by the American Osteopathic Association for 17.0 credits of AOA Category 2-A.
Other Health Care Professionals
A record of attendance will be available to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

MEETING LOCATION

MIGRAINE 5K RUN AND 2 MILE WALK
Saturday March 18th at 6:00 a.m.
Sponsored by Miles for Migraine and Mayo Clinic in Arizona is free for all symposium attendees.
Symposium registrants “CONFERENCE” for use to achieve complimentary registration is: www.MilesForMigraine.org
TRAVEL

Hertz is offering a reduced daily rate for course registrants. Visit Hertz online at www.hertz.com/cme2017 (CV) 03NR0012 in 2017
Special rates include unlimited mileage and are subject to availability. Advance reservations are recommended; blackout dates may apply.
SuperShuttle vans offer airport transportation to and from area hotels and businesses. To make reservations, call (800) 258-3826 or (602) 244-9000, or visit www.supershuttle.com. Visit www.visitphoenix.com or www.experiencescottsdale.com for recreation and leisure activities.
Travel arrangements are the sole responsibility of the individual registrant.

LODGING ACCOMMODATIONS

Residence Inn Phoenix Desert View at Mayo Clinic
5665 East Mayo Boulevard • Phoenix, Arizona 85054
(800) 331-3131 or (480) 563-1500 • www.marriott.com/phxmh
Direct Booking Link: http://bit.ly/HeadacheCourseRoomBlockMarch2017
Hotel rooms are limited. You are urged to make reservations early. A limited block of guest rooms have been reserved for attendees with a special course rate of $273 per night, plus applicable taxes, for single or double occupancy. To make your reservation, call (800) 331-3131 or (480) 563-1500 on or before the cut-off date of Thursday, February 16, 2017 or before the room block fills and identify yourself as part of the Mayo Clinic Headache course. Group rates will be honored three days prior to and three days following the course dates, based upon space availability.
The standard hotel reservation cancellation policy will apply to individual reservations unless otherwise specified. Lodging arrangements are the sole responsibility of the individual registrant. Mayo School of CPD is not responsible for expenses incurred by an individual who is not confirmed and for whom space is not available at the meeting. Costs incurred by the registrant such as airline or hotel fees or penalties are the responsibility of the registrant.

Registration

Visit ce.mayo.edu/headache2017 to register online.
The registration fee includes tuition, comprehensive course syllabus (electronic) and meals noted within the program. Although it is not Mayo School of Continuous Professional Development (CPD) policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A confirmation is provided upon receipt of payment. Please present the confirmation letter when checking in at the meeting registration desk.

CANCELLATION POLICY: If you cancel your participation in this course, your registration fee, less a $75 administrative fee, will be refunded when written notification is received by Mayo School of CPD before March 3, 2017 (mca.cme@mayo.edu). No refunds will be made on or after this date. Canceled registrations are non-transferable.
Mayo School of CPD reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CPD must cancel or postpone this course, Mayo School of CPD will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.

For additional information, contact:
Mayo School of Continuous Professional Development
13400 East Shea Boulevard • Scottsdale, Arizona 85259
Website: ce.mayo.edu • E-mail: mca.cme@mayo.edu
Phone number: (480) 301-4580

$75 DISCOUNT
When you register at ce.mayo.edu/headache2017 (Offer expires February 17, 2017)

REGISTRATION FEES: (in USD)

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<th>Category</th>
<th>On/Before 2/17/2017</th>
<th>After 2/17/2017</th>
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<td>Physicians/Scientists</td>
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<td>Other (resident, retired, allied health)</td>
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<td>ABPN MOC (pre-symposium activity)</td>
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<td>Paper Syllabus – pre-order by 2/24/17 (optional)</td>
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Program

Friday, March 17, 2017

7:00 a.m.  Registration and Continental Breakfast
7:30   Announcements
       Rashmi B. Halker Singh, M.D. and Amaal J. Starling, M.D.
7:45   Wellness Experience
       Maria M. Caselli
8:30   Approach to Headache
       Juliana H. VanderPluym, M.D.
9:15   Acute Migraine Treatment
       Todd J. Schwedt, M.D.
9:45   Q&A Session
       Morning Faculty
10:15  Refreshment Break and Breakout Session Tickets
       (Tickets provided on a first-come basis.)
10:45  Migraine Prevention
       Jerry W. Swanson, M.D.
11:15  TACs
       Fred (Michael) Cutrer, M.D.
11:45  Treatment of Status Migrainosus and Headache in the Emergency Department
       Carrie (Beth) E. Robertson, M.D.
12:15 p.m.  Headache Update: Emerging Treatments
            David W. Dodick, M.D.
12:45  Q&A Session
       Fred (Michael) Cutrer, M.D.; Carrie (Beth) E. Robertson, M.D.;
       and Jerry W. Swanson, M.D.
1:00   Lunch  (Complimentary)
1:15   Lunch Presentation: Diet & Migraine
       Denise M. Millstine, M.D.
2:00   BREAKOUT SESSION 1:
       • Concussion
         Amaal J. Starling, M.D. and Jennifer V. Wethe, Ph.D.
       • Injection Training
         Rashmi B. Halker Singh, M.D. and Juliana H. VanderPluym, M.D.
3:30   Refreshment Break
4:00   BREAKOUT SESSION 2:
       • Concussion
         Amaal J. Starling, M.D. and Jennifer V. Wethe, Ph.D.
       • Injection Training
         Rashmi B. Halker Singh, M.D. and Juliana H. VanderPluym, M.D.
5:30   Adjourn

Saturday, March 18, 2017

6:00 a.m.  Migraine 5K Run and 2 Mile Walk
Sponsored by Miles for Migraine and Mayo Clinic in Arizona
www.MilesForMigraine.org
9:15   Breakout Session Tickets
       (Tickets will be provided on a first come basis.)
9:45   Announcements
       Rashmi B. Halker Singh, M.D. and Amaal J. Starling, M.D.
10:00 **BREAKOUT SESSION 3:**
- **Women & Migraine**
  Rashmi B. Halker Singh, M.D. and Paru S. David, M.D.
- **Use of Integrative Medicine in the Management of Headache CAM, Pain, Resiliency**
  Robert P. Bright, M.D. and Denise M. Millstine, M.D.
- **Advocacy, Billing & Coding**
  William Young, M.D. and Carolene Neumann, RHIT, CPC

11:30 **Refreshment Break**

11:50 **BREAKOUT SESSION 4:**
- **Women & Migraine**
  Rashmi B. Halker Singh, M.D. and Paru S. David, M.D.
- **Use of Integrative Medicine in the Management of Headache CAM, Pain, Resiliency**
  Robert P. Bright, M.D. and Denise M. Millstine, M.D.
- **Advocacy, Billing & Coding**
  William Young, M.D. and Carolene Neumann, RHIT, CPC

1:20 p.m. **Lunch** (Complimentary)

2:20 **High & Low Pressure Headaches**
Ivan Garza, M.D.

2:50 **Chronic Daily Headache Through Cases**
Fred (Michael) Cutrer, M.D.

3:20 **Neurosurgical Management of Trigeminal Neuralgia**
Richard S. Zimmerman, M.D.

3:50 **Q&A Session**
Afternoon Faculty

4:20 **Adjourn**

**Sunday, March 19, 2017**

6:30 a.m. **Continental Breakfast with Table Topics**
Faculty

7:15 **Announcements**
Rashmi B. Halker Singh, M.D. and Amaal J. Starling, M.D.

7:30 **Imaging in Headache**
Jeffrey S. Ross, M.D.

8:00 **Headache Cases**
Carrie (Beth) E. Robertson, M.D.

8:30 **Diagnosis and Treatment of Autonomic Issues in Headache**
Brent P. Goodman, M.D.

9:00 **Q&A Session**
Morning Faculty

9:30 **Refreshment Break**

9:50 **Role of Injection Pain Clinic in Headache Treatment**
Christopher S. Wie, M.D.

10:20 **Comprehensive Pain Rehabilitation**
Cynthia O. Townsend, Ph.D., L.P.

10:50 **Stump the Experts**
**Faculty:** Fred (Michael) M. Cutrer, M.D., William Young, M.D. and Todd J. Schwedt, M.D.
**Presenter:** William Kingston, M.D.

12:20 p.m. **Adjourn**
SYMPOSIUM DIRECTORS
Rashmi B. Halker Singh, M.D.
Amaal J. Starling, M.D.

MAYO FACULTY
Maria M. Caselli
Fred (Michael) M. Cutrer, M.D.
Paru S. David, M.D.
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Jennifer V. Wethe, Ph.D.
Christopher S. Wie, M.D.
Richard S. Zimmerman, M.D.

VISITING FACULTY
William B. Young, M.D., FAHS, FAAN
Professor of Neurology
Thomas Jefferson University
Philadelphia, Pennsylvania

FACULTY DISCLOSURE: As a provider accredited by ACCME, Mayo Clinic College of Medicine (Mayo School of Continuous Professional Development) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in the course materials so those participants in the activity may formulate their own judgments regarding the presentation.

NATIONAL PHYSICIAN PAYMENT TRANSPARENCY PROGRAM
Mayo Clinic College of Medicine complies with the requirements of the National Physician Payment Transparency Program OPEN PAYMENTS (Physician Payments Sunshine Act).