COURSE DESCRIPTION
This symposium provides attendees with an update in the diagnosis and management of migraine and other headache disorders. The format will include lectures, expert panel discussions, interactive question and answer sessions, and small-group break-out sessions.

LEARNING OBJECTIVES
Upon conclusion of this program, participants should be able to:

• Review the diagnosis and management of secondary headache disorders, including thunderclap headache and giant cell arteritis.
• Formulate comprehensive treatment plans for primary headache disorders frequently encountered in both the primary care setting and general neurological practice, including episodic and chronic migraine.
• Discuss new and emerging treatments for episodic and chronic migraine, including targeted treatments and noninvasive neuromodulation.
• Apply techniques for the administration of onabotulinumtoxinA and nerve blocks in migraine and other headache disorders.

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 patients with migraine and other headache disorders including internists, family medicine practitioners, emergency medicine, OB/GYN, neurologists and allied health professionals.

REGISTRATION
Register online at: [ CE.MAYO.EDU/HEADACHE2019 ]

<table>
<thead>
<tr>
<th>Registration Fee (USD)</th>
<th>On or Before Jan 30</th>
<th>After Jan 30</th>
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<tbody>
<tr>
<td>MD, DO, PhD, Dentist</td>
<td>$650</td>
<td>$725</td>
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<tr>
<td>PA, NP, RN, Resident, Other</td>
<td>$550</td>
<td>$625</td>
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<tr>
<td>Paper Syllabus</td>
<td>$75</td>
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Please visit ce.mayo.edu/headache2019 for additional course information and cancellation policy.

MEETING LOCATION
Mayo Clinic Franke Education Center
5777 East Mayo Boulevard
Phoenix, Arizona 85054

MIGRAINE 5K RUN AND 2 MILE WALK
Saturday, March 2, 2019 at 8:00 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
FRIDAY, MARCH 1, 2019

6:30  Registration and Continental Breakfast
7:15   Welcome, Course Overview and Pretest  
Rashmi B. Halker Singh, M.D. and Amaal J. Starling, M.D.
7:40   Wellness Experience  
Maria M. Caselli, E-RYT500
8:10   Approach to Headache  
Jerry W. Swanson, M.D., MHPE
8:50   Neuro-Ophthalmology: Intracranial Hypertension & Giant Cell Arteritis  
Marie D. Acierno, M.D.
9:30   Low Pressure Headache: Diagnosis & Treatment  
Jill C. Rau, M.D., Ph.D.
10:00  Q&A Session – Session Faculty
10:30  Break
11:00  Thunderclap Headache  
Jonathan H. Smith, M.D.
11:30   Trigeminal Autonomic Cephalgias  
Ivan Garza, M.D.
12:00 p.m.  Q&A Session – Session Faculty
12:25  Lunch Talk: Diet & Migraine  
David C. Patchett, D.O.
1:30 p.m.  Breakout Session 1:
  • Concussion  
  Amaal J. Starling, M.D., Jamie M. Bogle, Au.D., Ph.D., and Jennifer V. Wethe, Ph.D.
  • Injection Training  
3:00  Break
3:30  Breakout Session 2 (topics repeated)
5:00  Adjourn
6:30  Dinner and a Movie

SATURDAY, MARCH 2, 2019

8:00 a.m.  (Optional) Migraine 5K Run and 2 Mile Walk  
Sponsored by Miles for Migraine and Mayo Clinic in Arizona
10:00  Exhibits
11:00  Migraine Pathophysiology  
David W. Dodick, M.D.
11:30  Acute Treatment  
Todd J. Schwedt, M.D.
12:00 p.m.  Preventive Treatment  
Jonathan H. Smith, M.D.
12:30  Q&A Session – Session Faculty
1:00  Lunch
1:45  Post Traumatic Headache: Bench to Bedside  
Frank Porreca, Ph.D. and Juliana H. VanderPluym, M.D.
2:15  Chronic Daily Headache: Cases  
F. Michael Cutrer, M.D.
2:55  Q&A Session – Session Faculty
3:30  Breakout Session 3:
- Special Topics in Migraine:
  Hormones, Special Populations, Noninvasive Neuromodulation
  Dr. Halker Singh, Paru S. David, M.D., and Carrie (Beth) E. Robertson, M.D.
- CGRP & Headache Medicine:
  Therapeutic Monoclonal Antibodies, CGRP, and Clinical Trials
  F. Michael Cutrer, M.D., Diane F. Jelinek, Ph.D., and Todd J. Schwedt, M.D.

5:00  Break
5:15  Breakout Session 4 (topics repeated)
6:45  Adjourn

SUNDAY, MARCH 3, 2019

6:30 a.m.  Continental Breakfast with Faculty/Table Topics – All Faculty
7:15  Creating Migraine Warriors
  Amaal J. Starling, M.D.
7:30  Building Resiliency
  Maria M. Caselli, E-RYT500
8:00  Headache Cases
  Jerry W. Swanson, M.D., MHPE
8:30  Q&A Session – Session Faculty
8:45  Break
9:00  Imaging in Headache
  Leland S. Hu, M.D.
9:30  Treatment of Status Migrainosus and Headache in the ED
  Jennifer Robblee, M.D.
10:00  Dx and Tx of Autonomic Issues in Headache
  Julie A. Khoury, M.D.
10:30  Q&A Session – Session Faculty
10:45  Break
10:55  Role of Injection Pain Clinic in Headache Treatment
  Narayan R. Kissoon, M.D.
11:25  Interdisciplinary Pain Rehabilitation Treatment for Complex Chronic Headache/Migraine
  Cynthia O. Townsend, Ph.D., L.P.
11:55  Neurosurgery Management of Trigeminal Neuralgia
  Richard S. Zimmerman, M.D.
12:25 p.m.  Q&A Session
12:40  Adjourn

CREDIT

In support of improving patient care, Mayo Clinic College of Medicine and Science is accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

AMA: Mayo Clinic College of Medicine and Sciences designates this live activity for a maximum of 20 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAFP: Application for CME credit has been filed with the American Academy of Family Physicians. Determination of credit is pending.

AOA-2: This program is pending approval with AOA.

AANP: This education activity will be submitted to the American Association of Nurse Practitioners for approval of up to 20 contact hours of accredited education.

Other Healthcare Professionals: A record of attendance will be available to other healthcare professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.
Course Directors
Rashmi B. Halker Singh, M.D.
Amaal J. Starling, M.D.

Mayo Clinic Faculty

Marie D. Acierno, M.D.
Jamie M. Bogle, Au.D., Ph.D.
Maria M. Caselli, E-RYT500
F. Michael Cutrer, M.D.
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Diane F. Jelinek, Ph.D.
Julie A. Khoury, M.D.
Narayan R. Kissoon, M.D.
Natasha J. Mendez, M.S.N., APRN, N.P.
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Jennifer V. Wethe, Ph.D.
Richard S. Zimmerman, M.D.

LODGING AND ACCOMMODATIONS

Residence Inn Phoenix Desert View at Mayo Clinic
5665 East Mayo Boulevard • Phoenix, Arizona 85054
Phone: (866) 754-5927 or (480) 563-1500 • Hotel Website: www.marriott.com/phxmh

Conveniently located on the Mayo Clinic Hospital campus, the Residence Inn Phoenix Desert View at Mayo Clinic offers spacious suites, complimentary hot buffet breakfast, high-speed internet access, fitness facilities, swimming pool, a business center, and free parking. Check-in time is 3 p.m.; check-out time is noon.

A block of rooms, studio suites, at a special group rate of $259 (USD), single or double, per night, plus applicable state/local taxes, is available for course participants and guests. Group rates will apply three days prior to and after the course dates, based upon space and rate availability.

Make your reservation by calling (866) 754-5927 or (480) 563-1500 before the room block is filled or the cut-off date, January 28, 2019. Reservations received after this date will be accepted on a rate and space available basis. When making your reservation, identify yourself as a participant of the “Mayo Clinic Headache Symposium” course.

The standard hotel reservation cancellation policy will apply to individual reservations unless otherwise specified. Lodging arrangements are the sole responsibility of the individual registrant.
REGISTER NOW
$75 DISCOUNT expires January 30, 2019

MAYO CLINIC FRANKL EDUCATION CENTER
PHOENIX, ARIZONA
MARCH 1–3, 2019
CE.MAYO.EDU/HEADACHE2019

Creating Migraine Warriors Symposium
HEADACHE
MAYO Clinic
Phone: (651) 291-4580
Email: mayomeded@email.mayo.edu
13400 East Shea Boulevard
Scottsdale, Arizona 85259

MAYO CLINIC
13400 East Shea Boulevard
Scottsdale, Arizona 85259
Email: mca.cme@mayo.edu
Phone: (480) 301-4580

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