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CONTINUING MEDICAL EDUCATION

The American Headache Society® is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians. AHS takes responsibility for the content, quality, and scientific integrity of this CME activity.

The American Headache Society® designates this educational activity for a maximum of 27 AMA PRA Category 1 Credit(s)™. Physicians should only claim 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 (AAFP). Determination of credit is pending.

DISCLOSURE STATEMENT

All contributors who can affect American Headache Society CME content (including leadership, program chairs, moderators, faculty members, medical writers and staff), in their respective roles, are required to disclose all relevant financial relationships with any commercial interest that could be viewed as a real or perceived conflict of interest. Contributors will also identify relevant financial relationships of their spouse. This policy is in effect to maintain adherence with the conflict of interest guidelines set by the Accreditation Council for Continuing Medical Education (ACCME) and the American Headache Society Ethics Committee.

Attendees will be made aware of any affiliation or relevant financial interest that may affect the development, management, presentation or evaluation of the CME activity and will be printed in the final program and projected in slide format before each presentation. Individuals who refuse to disclose relevant financial relationships will be disqualified from being a contributor, and cannot have control of, or responsibility for, the development, management, presentation or evaluation of the CME activity.

SPECIAL NOTE FOR THE PHYSICALLY CHALLENGED

The American Headache Society® wishes to take steps to ensure that no individual with disability is excluded, denied services, segregated, or otherwise treated differently than other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, or any assistance in registering for this symposium, please contact AHS Headquarters at 856-423-0043, write to us at AHS, 19 Mantua Road, Mt. Royal, NJ, 08061, or email AHSHQ@talley.com.
The JW Marriott Camelback Inn, located in Scottsdale, AZ, is nestled on 125 acres of naturally landscaped desert where guests can enjoy an authentic southwestern experience. The Inn’s casitas, with traditional southwestern décor, are spread throughout the hotel’s desert landscape and all have balconies or patios, some with private pools. Experience the best Scottsdale has to offer with traditional and modern amenities, just minutes from downtown Phoenix, AZ.

The negotiated room rate at the JW Marriott Camelback Inn for symposium participants is $299.00 for a single or double room, plus prevailing taxes. Room reservations and rates will be confirmed on a first come, first served basis until Monday, October 25, 2019, or until the room block is sold out, whichever comes first; after that date, reservation requests will be based on the hotel’s prevailing rate. All sleeping room reservations must be guaranteed with a credit card.

Please note reservations within the AHS block of rooms are for registered attendees ONLY. Reservations made by non-registrants will not receive the discounted rate.

Once you have registered for the meeting, you will receive the housing link and password in your registration confirmation email.
EDUCATION MISSION STATEMENT

The provision of quality CME is a primary mission of the American Headache Society®. The Society's educational objectives are to continue to improve the knowledge, skills, and professional performance of physicians, psychologists, and other health professionals in the care of patients with head, neck, and orofacial pain by:

• Providing a forum for presentation of free scientific communication on research and clinical practice
• Providing educational symposia
• Improving education in medical schools and residency programs
• Identifying and developing new educational initiatives
• Supporting educational programs directed to people with head, neck, and orofacial pain
• Maintaining strict adherence to ACCME guidelines
• Developing education activities and tools that are designed and then evaluated for their role in improving the learners' competence, performance, and the overall quality and safety of the care they give to individuals suffering from head, neck, and orofacial pain

WHO SHOULD ATTEND?

This symposium is designed for general practitioners, internists, pediatricians, neurologists, anesthesiologists, dentists, physical therapists, psychologists, psychiatrists, nurse practitioners, physician assistants, nurses, and other health professionals who treat headache.

American Headache Society®

The American Headache Society® (AHS) is a professional society of healthcare providers dedicated to the study and treatment of headache and face pain. The Society’s objectives are to promote the exchange of information and ideas concerning the causes and treatments of headache and related painful disorders. Educating physicians, health professionals and the public, and encouraging scientific research are the primary functions of this organization. AHS activities include an annual scientific meeting, a comprehensive headache symposium, regional symposia for neurologists and family practice physicians, and publication of the journal Headache®.

The Scottsdale Headache Symposium® continues to be a successful venue for providing practical, clinical, evidence-based information on the diagnosis, management, and treatment of headache patients. Education is presented in didactic, case-based, evidence-based, panel, and demonstrative formats.

AHS celebrates 61 years of leading and serving the headache community.

2019 EDUCATIONAL OBJECTIVES

At the completion of the program, the attendees will:

• Acquire basic knowledge in diagnosis, epidemiology, and treatment of primary and secondary headache disorders, to apply in clinical practice and research.
• Clarify differences in the clinical characteristics of migraine, trigeminal autonomic cephalalgias, other primary and secondary headaches to optimize outcomes in clinical practice and research.
• Extend their information base on the most important new cutting-edge Headache Medicine treatments for both utilization in and assessment of success in clinical practice.
• Prepare options for practical application in the treatment of difficult to treat or refractory headaches.
Thursday, November 21, 2019
7:00 am – 8:00 am  Committee and Section Meetings
8:00 am – 11:00 am  Pre-meeting Courses / Special Interest Section Symposium
   Pre-Course 1:  Section Symposium
   Pre-Course 2:  Great Lakes Regional Society Session
   Pre-Course 3:  Practice Management Session
   Pre-Course 4:  Headache 101
11:30 am – 5:00 pm  Advanced Course
2:00 pm – 5:00 pm  NP/PA – The Bridge
5:00 pm – 6:00 pm  Committee and Section Meetings
6:00 pm – 7:30 pm  Industry-supported Event

Friday, November 22, 2019
6:30 am – 7:30 am  5K Fun Run
   Sponsored by Runnin’ for Research and Miles for Migraine
   Separate registration required
7:00 am – 8:30 am  Continental Breakfast and Exhibits
8:00 am – 8:15 am  Welcome/Opening Remarks
### Friday, November 22, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15 am - 10:20 am</td>
<td><strong>Plenary I – Migraine: What’s New in Diagnosis, Pathophysiology and Treatment</strong></td>
</tr>
<tr>
<td>8:15 am - 8:35 am</td>
<td>Diagnostic Pearls and Pitfalls</td>
</tr>
<tr>
<td>8:35 am – 9:05 am</td>
<td>Epidemiology from Population to Patient</td>
</tr>
<tr>
<td>9:05 am – 9:30 am</td>
<td>Applied Pathophysiology</td>
</tr>
<tr>
<td>9:30 am – 9:50 am</td>
<td>Acute Migraine</td>
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<tr>
<td>9:50 am – 10:15 am</td>
<td>Prevention</td>
</tr>
<tr>
<td>10:15 am – 10:20 am</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>10:20 am – 10:50 am</td>
<td>Refreshment Break &amp; Exhibits</td>
</tr>
<tr>
<td>10:50 am – 12:40 pm</td>
<td><strong>Plenary II – Trigeminal Autonomic Cephalalgias, Secondary Adult and Pediatric Headache Cases and High and Low Pressure Headaches</strong></td>
</tr>
<tr>
<td>10:50 am – 11:20 am</td>
<td>TACs</td>
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<tr>
<td>11:20 am – 11:50 am</td>
<td>Secondary Cases in Pediatric and Adult Headache</td>
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<tr>
<td>11:50 am – 12:30 pm</td>
<td>CSF</td>
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<tr>
<td>12:30 pm – 12:40 pm</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>12:45 pm – 2:00 pm</td>
<td>Lunch (available for purchase)</td>
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<tr>
<td>12:45 pm – 2:00 pm</td>
<td>Committee and Section Meetings</td>
</tr>
<tr>
<td>12:45 pm – 2:15 pm</td>
<td>Industry-Supported Event</td>
</tr>
<tr>
<td>2:20 pm - 3:00 pm</td>
<td><strong>Plenary III – Steven B. Graff-Radford Orofacial Pain and Headache Lectureship</strong></td>
</tr>
<tr>
<td>2:20 pm - 2:30 pm</td>
<td>Introduction</td>
</tr>
<tr>
<td>2:30 pm - 3:00 pm</td>
<td>Facial Pain….Or just a Headache?</td>
</tr>
<tr>
<td>3:00 pm - 5:00 pm</td>
<td><strong>Plenary IV – Vascular Headache Neurobiology, Stroke, Secondary Vascular Headaches and Stroke</strong></td>
</tr>
<tr>
<td>3:00 pm – 3:25 pm</td>
<td>Vascular Neurobiology of Migraine</td>
</tr>
<tr>
<td>3:25 pm – 3:50 pm</td>
<td>Migraine and Stroke</td>
</tr>
<tr>
<td>3:50 pm – 4:15 pm</td>
<td>Secondary Vascular</td>
</tr>
<tr>
<td>4:15 pm – 4:40 pm</td>
<td>Treatment Considerations</td>
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<tr>
<td>4:40 pm – 5:00 pm</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>5:00 pm – 6:00 pm</td>
<td>Committee and Section Meetings</td>
</tr>
<tr>
<td>6:00 pm – 6:30 pm</td>
<td>Special Interest Section Fair</td>
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<tr>
<td>6:30 pm – 7:00 pm</td>
<td>Town Hall</td>
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<tr>
<td>7:00 pm – 8:30 pm</td>
<td>Industry-Supported Event</td>
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### Saturday, November 23, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>6:15 am - 8:00 am</td>
<td>Academic Program Directors Meeting</td>
</tr>
<tr>
<td>6:30 am - 8:00 am</td>
<td>Continental Breakfast and Exhibits</td>
</tr>
<tr>
<td>7:00 am - 8:00 am</td>
<td><strong>Case Presentations</strong></td>
</tr>
<tr>
<td>8:00 am - 9:45 am</td>
<td><strong>Plenary V – Cutting Edge/Emerging Therapies</strong></td>
</tr>
<tr>
<td>8:00 am - 8:30 am</td>
<td>Monoclonal Antibodies</td>
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<tr>
<td>8:30 am - 9:00 am</td>
<td>Neuromodulation</td>
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<tr>
<td>9:00 am - 9:30 am</td>
<td>Neuropharmacology</td>
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<tr>
<td>9:30 am - 9:45 am</td>
<td>Q&amp;A</td>
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<tr>
<td>9:45 am - 10:00 am</td>
<td>Refreshments and Exhibits</td>
</tr>
<tr>
<td>10:00 am - 11:15 am</td>
<td><strong>Plenary VI – Chronic/Refractory Headaches</strong></td>
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<tr>
<td>10:00 am - 10:25 am</td>
<td>Cases and Protocol</td>
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<tr>
<td>10:25 am - 10:45 am</td>
<td>Pathophysiology of Chronic Migraine</td>
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<tr>
<td>10:45 am - 11:05 am</td>
<td>Behavioral and Non-pharmacological Approaches to Chronic Migraine Treatment</td>
</tr>
<tr>
<td>11:05 am - 11:15 am</td>
<td>Q&amp;A</td>
</tr>
<tr>
<td>11:15 am - 12:00 pm</td>
<td><strong>Plenary VII – Headache Journalism 2018-2019</strong></td>
</tr>
<tr>
<td>11:15 am - 11:30 am</td>
<td>Why Bother with Books?</td>
</tr>
<tr>
<td>11:30 am - 11:45 am</td>
<td>Top 3 Articles from <em>Headache</em>®</td>
</tr>
<tr>
<td>11:45 am - 12:00 pm</td>
<td>Top 3 Articles not in the journal <em>Headache</em>®</td>
</tr>
<tr>
<td>12:00 pm - 12:30 pm</td>
<td>Women’s Health Science Award</td>
</tr>
<tr>
<td>12:30 pm - 1:00 pm</td>
<td><strong>Frontiers in Headache Research Awards / Presentations</strong></td>
</tr>
<tr>
<td>1:00 pm - 2:00 pm</td>
<td>Lunch (available for purchase) and Exhibits</td>
</tr>
<tr>
<td>1:00 pm - 2:00 pm</td>
<td>Committee and Section Meetings</td>
</tr>
<tr>
<td>1:00 pm - 2:00 pm</td>
<td>Industry-Supported Event</td>
</tr>
<tr>
<td>2:00 pm - 3:45 pm</td>
<td>Concurrent Sessions</td>
</tr>
</tbody>
</table>

**CS1: Injection Training**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>2:00 pm - 2:20 pm</td>
<td>OnabotA</td>
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<tr>
<td>2:20 pm - 2:40 pm</td>
<td>Nerve Blocks</td>
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<tr>
<td>2:40 pm - 3:45 pm</td>
<td>Hands-on Demonstration</td>
</tr>
</tbody>
</table>

**CS2: Science**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00 pm - 2:05 pm</td>
<td>Introduction</td>
</tr>
<tr>
<td>2:05 pm - 2:25 pm</td>
<td>Placebo</td>
</tr>
<tr>
<td>2:25 pm - 2:45 pm</td>
<td>Imaging</td>
</tr>
<tr>
<td>2:45 pm - 3:05pm</td>
<td>Opioid Receptors and Headache</td>
</tr>
<tr>
<td>3:05 pm - 3:25 pm</td>
<td>Statistical Issues in Scientific Research</td>
</tr>
<tr>
<td>3:25 pm - 3:45 pm</td>
<td>Q&amp;A</td>
</tr>
</tbody>
</table>
Saturday, November 23, 2019

**CS3: Traumatic Brain Injury**

- 2:00 pm – 2:05 pm  Introduction
- 2:05 pm – 2:25 pm  Sideline Evaluation of Head Injury
- 2:25 pm – 2:45 pm  Symptomatic Management of PTH
- 2:45 pm – 3:05 pm  Traumatic Brain Injury in Pediatric Patients
- 3:05 pm – 3:25 pm  TBI in the Military
- 3:25 pm – 3:45 pm  Q&A
- 3:45 pm – 4:00 pm  Refreshments and Exhibits
- 4:00 pm - 5:30 pm  Concurrent Sessions

**CS4: Behavioral Treatment and Wellness**

- 4:00 pm - 4:05 pm  Introduction
- 4:05 pm – 4:25 pm  Promoting Wellness
- 4:25 pm – 4:45 pm  Pediatric Behavioral Treatment
- 4:45 pm – 5:05 pm  Wellness in the Office
- 5:05 pm – 5:30 pm  Q&A

**CS5: Women’s Health**

- 4:00 pm – 4:05 pm  Introduction
- 4:05 pm – 4:25 pm  Gender Issues
- 4:25 pm – 4:45 pm  Hormones and Headache
- 4:45 pm – 5:05 pm  Pregnancy and Post-partum Headache
- 5:05 pm – 5:25 pm  Abuse and Headache
- 5:25 pm – 5:30 pm  Q&A

**CS6: TACs and Other Primary Headaches**

- 4:00 pm – 4:05 pm  Introduction
- 4:05 pm – 4:25 pm  Cluster
- 4:25 pm – 4:45 pm  Cranial Neuralgias and SUNCT
- 4:45 pm – 5:05 pm  Hemicrana Contua
- 5:05 pm – 5:30 pm  Q&A
- 5:30 pm – 7:00 pm  Industry-Supported Event
- 7:00 pm – 8:30 pm  Wine and Cheese Reception
Sunday, November 24, 2019

7:00 am - 8:00 am  Continental Breakfast
8:00 am - 9:00 am  Case Presentations
9:00 am – 11:00 am  Advocacy

9:00 am – 9:05 am  Introduction
9:05 am – 9:30 am  Incorporating Advocacy in Your Practice
9:30 am – 9:55 am  Patient Perspective
9:55 am – 10:20 am  American Migraine Foundation
10:20 am – 10:45 am  Legislative Advocacy and Research
10:45 am – 11:00 am  Q&A

9:00 am – 11:00 am  Injection Training

9:00 am – 9:20 am  OnabotA
9:20 am – 9:40 am  Nerve Block
9:40 am – 11:00 am  Hands-on Demonstration

9:00 am – 11:00 am  Pediatric-Adolescent Headache

9:00 am – 9:05 am  Introduction
9:05 am – 9:30 am  Challenges of the Adolescent
9:30 am – 9:55 am  CHAMP and the Issues of Pediatric Trials
9:55 am – 10:20 am  Challenging Cases in Pediatrics
10:20 am – 10:45 am  Challenges of New Therapies
10:45 am – 11:00 am  Q&A
Registration Form

Contact Information - please print:  Online registration is available at www.AmericanHeadacheSociety.org

First (Given) Name ___________________________ Middle Initial ___________________________ Last (Family) Name ___________________________

Affiliation (Employer) ___________________________  Position/Title ___________________________  Degree ___________________________  Specialty ___________________________

Business Address ___________________________ City ___________________________ State/Province ___________________________ Country ___________________________ Zip Code ___________________________

Business Telephone ___________________________ Email Address ___________________________

Please use the lines below to state your expectations for improving patient care outcomes after attending this course:
________________________________________________________________________________________________________________________
________________________________________________________________________________________________________________________
________________________________________________________________________________________________________________________
________________________________________________________________________________________________________________________

Registration Categories And Fees

<table>
<thead>
<tr>
<th>Registration Category</th>
<th>On-site</th>
<th>$__________</th>
<th>Non-member</th>
<th>$__________</th>
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<tbody>
<tr>
<td>Active Member (MD, DO, PhD, DDS)</td>
<td>$750.00</td>
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<tr>
<td>Associate Member (RN, NP, PA)</td>
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<tr>
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<td>$400.00</td>
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<tr>
<td>Non-Member (MD, DO, PhD, DDS)</td>
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<td>Industry Representative</td>
<td>$975.00</td>
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<td>$975.00</td>
<td>$__________</td>
</tr>
</tbody>
</table>

**PRE-MEETING COURSES, THURS., NOV. 21, 2019 – 8:00 AM - 11:00 AM** (Please select only one)

☑ Section Symposium
☐ Great Lakes Regional Society Session
☐ Practice Management Session
☐ Headache 101
☐ Method Of Payment

**CONCURRENT SESSIONS, SAT., NOV. 23, 2019 – 2:00 PM - 3:45 PM** (Please select only one)

☐ Session 1: Injection Training (SOLD OUT)
☐ Session 2: Science
☐ Session 3: Traumatic Brain Injury

**CONCURRENT SESSIONS, SAT., NOV. 23, 2019 – 4:00 PM - 5:30 PM** (Please select only one)

☐ Session 4: Behavioral Treatment and Wellness
☐ Session 5: Women’s Health
☐ Session 6: TAC’s and Other Primary Headaches

**CONCURRENT SESSIONS, SUN., NOV. 24, 2019 – 9:00 AM - 11:00 AM** (Please select only one)

☐ Advocacy
☐ Pediatric-Adolescent Headache
☐ Injection Training (SOLD OUT)

**Method Of Payment**

Enclosed is a check payable to AHS. Checks must be payable in U.S. Dollars and issued by a U.S. Correspondent Bank. Please check with your local bank before sending payment. Each registrant is responsible for any and all bank charges. A $100.00 processing fee will be charged for checks returned unpaid.

Wire Transfer – I wish to pay my fees by wire transfer (contact AHS for instructions BEFORE submitting form).

I wish to pay my fees by credit card. Please note: this charge will appear on your statement as “AHS Reg”.

Name on Card (Print): ___________________________

Authorizing Signature: ___________________________

☐ Visa  ☐ MasterCard  ☐ American Express

Credit Card No. ___________________________ Exp. Date: ________/______

Return this completed form with payment to:  AHS, 19 Mantua Road, Mt. Royal, NJ  08061 - fax: 856-423-0082 - email: ahshq@talley.com

For additional information or assistance with this form, call 856-423-0043.

**Registration will not be processed without payment.**

Note: Registrations paid by credit card may be faxed to 856-423-0082. Keep a copy of your fax transmittal confirmation for your records. If faxing, do not mail the original form, doing so may result in duplicate charges to your credit card.

(*) AHS reserves the right to charge the correct amount if different from total above.

**CANCELLATION POLICY**

If you must cancel your registration, all requests must be received in writing by AHS Registration, 19 Mantua Road, Mt. Royal, NJ 08061 or email: ahshq@talley.com and postmarked no later than October 31, 2019. All fees paid will be refunded minus a $100.00 processing fee. There will be no refunds after the October 31, 2019 deadline.

Please fax cancellation or substitution requests to 856-423-0082
Attention: AHS, or email us at ahshq@talley.com

Please check if assistance is needed: ☐
62nd Annual Scientific Meeting
June 4-7, 2020
Marriott Marquis San Diego Marina
San Diego, CA

2020 Scottsdale Headache Symposium®
November 19-22, 2020
JW Marriott Camelback Inn
Scottsdale, AZ

@ahsheadache   @americanmigrainefoundation   @amfmigraine