



HEADACHE COOPERATIVE OF THE PACIFIC

THE NINTH ANNUAL HCOP WINTER CONFERENCE



JANUARY 29-30, 2016

OJAI VALLEY INN AND SPA • OJAI, CALIFORNIA



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Dear Colleagues,

Welcome back to Ojai and the 9th Annual Winter Symposium of the Headache Cooperative of the Pacific (HCOP).

On behalf of the board of Directors and the Program Committee, I want to thank you for your continued support and participation. You are what make this meeting great. This year, in addition to returning to Ojai (by popular demand), we are also returning to our bench to bedside and back format. The meeting's focus is on the complex, and often controversial relationship between the vascular system and headache.

We will begin with a talk by the ever-popular Alan Purdy, incoming president of the AHS on Cardiac Cephalgia. Then we will hear from Gretchen Tietjen on Giant Cell Arteritis, followed by a brief discussion. After the break our own Alan Rapoport will reflect on his 35 years as a headache specialist, complete with pictures. During lunch we will review interesting cases from our listserv and the afternoon will feature talks by Stew Tepper, Andy Blumenfeld, Deb Tepper, and Jack Schim. Day one will wrap up with another installment of Wait, Wait, Don't Tell Me, west coast style, along with wine and cheese, which may make Dr. Frishberg's stylings more palatable.

Day two will begin with spirited discussion a la Siskel and Ebert between Stew Tepper and Mo Levin, discussing the best articles in the last year, followed by KC Brennan who will look at the basic science of blood vessels and Marc Lenaerts, and Katherine Chong discussing various aspects of imaging in headache.

All and all, it promises to be a great meeting bringing together world-class authorities in headache medicine in a small, informal setting with lots of opportunity for interaction and questions. Jim Nagy and Judy Lane have put together a great agenda and we are grateful to them, as well as the volunteers, and especially Maripat Traino who has worked tirelessly to ensure that we have another successful event.

Enjoy the meeting.

Sincerely,

Robert P. Cowan, MD, FAHS
President





ABOUT HCOP

The Headache Cooperative of the Pacific (HCOP) is an association of headache specialists in the western United States.

HCOP meetings are designed to be held in smaller, intimate venues where healthcare professionals with an interest in clinical and basic research aspects of headache can come together to expand their knowledge base and share experiences, observations, and ideas in a casual and creative setting.

The symposium is intended to provide basic scientists and clinicians working in headache with a forum for translational talks aimed at increasing interaction between the two groups, nourishing creative solutions in headache medicine and research. The program is unique in that it is a small venue with very high level faculty, affording participants an opportunity to interact that is often missing at larger meetings. The program is also unique in that each year a different theme within the definition of translational approaches to headache is adopted, distinguishing it from the broader over view topics of clinical meetings or the potpourri of scientific presentations seen at scientific meetings. Feedback from participants at our previous meetings along with robust enrollment each year, indicates that this is a perceived need in the headache community.



HCOP PROGRAM COMMITTEE

Program Co-Chair

Judy Lane, MD
Medical Director, Colorado Neurological Institute
Associate Professor of Family Medicine and Pharmacy, University of Colorado
Denver, Colorado

Program Co-Chair

Abraham Jim Nagy, MD
Medical Director, Nevada Headache Institute
Assistant Clinical Professor of Neurology, University of Nevada School of Medicine
Las Vegas, Nevada

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of California San Francisco
San Francisco, California

Ken Moore, DDS

Director, Cosmetic and Family Dentistry
Roseville, California



HCOP MISSION STATEMENT

The mission of the Headache Cooperative of the Pacific is to promote communication and spread headache information among headache caregivers and researchers, to provide headache education for non-headache specialists, and to increase understanding of headache in the healthcare community through:

- Advancing the science of headache through education and coordinated research
- Providing a forum to link providers of headache care throughout the western states
- Supporting access to appropriate care for our patients
- Increasing awareness about national and international organizations and journals devoted to headache research and patient care



CONFERENCE EDUCATIONAL OBJECTIVES

At the completion of this program, participants will be better able to:

- Identify interactions between cardiovascular disorders and headache conditions
- Provide a full range of diagnostic and interventional possibilities for pro-thrombotic states in headache disorders
- Interpret advanced imaging studies for headache disorders

WHO SHOULD ATTEND

Attendance is open to healthcare professionals who treat or are interested the treatment of headache, specifically: Neurologists, General Practitioners, Internists, Headache Specialists, Psychologists, Psychiatrists, Dentists, Nurse Practitioners, Physician Assistants, Pharmacists.

AMERICAN MEDICAL ASSOCIATION/PHYSICIAN RECOGNITION AWARD

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University of Minnesota and the Headache Cooperative of the Pacific. The University of Minnesota is accredited by the ACCME to provide continuing medical education for physicians.

The University of Minnesota designates this live activity for a maximum of 11.5 *AMA PRA Category1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

DISCLOSURE STATEMENT

It is the policy of the University Of Minnesota Office Of Continuing Professional Development to ensure balance, independence, objectivity and scientific rigor in all of its sponsored educational activities. All individuals (including spouse/partner) who have influence over activity content are required to disclose to the learners any financial relationships with a commercial interest related to the subject matter of this activity. A commercial interest is any entity producing, marketing, re-selling, or distributing health care goods or services consumed by or used on, patients. Disclosure information is reviewed in advance in order to manage and resolve any possible conflicts of interest. Specific disclosure information for each presenter, activity director, and planning committee member will be shared with the learner prior to the presenter's presentation. Persons who fail to complete and sign this form in advance of the activity are not eligible to be involved in this activity. Additionally, financial disclosure information for all speakers is provided in slide format and projected immediately prior to each speaker's presentation.



NINTH ANNUAL CONFERENCE FACULTY

Andrew Blumenfeld, MD, FAHS
The Headache Center
of Southern California
Del Mar, CA

KC Brennan, MD
University of Utah
Salt Lake City, UT

Catherine Chong, PhD
Mayo Clinic Arizona
Phoenix, AZ

Robert P. Cowan, MD
Stanford University
Palo Alto, CA

Benjamin Frishberg, MD
The Headache Center
of Southern California
San Diego, CA

Susan Hutchinson, MD
Orange County Migraine
& Headache Center
Irvine, CA

Marc Lenaerts, MD
UC Davis
Sacramento, CA

Morris Levin, MD
UCSF Headache Center
San Francisco, CA

Brian E. McGeeney, MD, MPH
Boston University
Boston, MA

R. Allan Purdy, MD
Dalhousie University
Nova Scotia, Canada

Alan M. Rapoport, MD
The David Geffen School
of Medicine at UCLA
Woodside, CA

Jack D. Schim, MD
The Headache Center
of Southern California
Encinitas, CA

Jerry W. Swanson, MD
Mayo Clinic
Rochester, MN

Deborah Tepper, MD
Beth Israel Deaconess
Cape Cod, MA

Stewart J. Tepper, MD
Dartmouth University
Hanover, NH

Gretchen Tietjen, MD
University of Toledo
Toledo, OH

Bert Vargas, MD
UT Southwestern Medical School
Dallas, TX

GENERAL INFORMATION

REGISTRATION

The registration desk will be located in the Hacienda Foyer and open the following hours:

Friday, January 29 **6:30 AM – 4:30 PM**
Saturday, January 30 **6:30 AM – 10:00 AM**

EXHIBIT HALL

The HCOP Exhibit Hall is located in Hacienda Ballroom A and will be open during the following hours:

Friday, January 29 **7:00 AM – 4:00 PM**
Saturday, January 30 **7:00 AM – 10:30 AM**

ACKNOWLEDGEMENTS

The Headache Cooperative of the Pacific gratefully acknowledges the support of our conference from our industry sponsors.

Allergan, Inc.
Amgen, Inc.
Depomed, Inc.
electroCore LLC
ELi Lilly and Company
Pfizer, Inc.
Promius Pharma, a subsidiary of Dr. Reddy's Laboratories
Supernus Pharmaceuticals
Teva Pharmaceuticals

- 2:00 PM – 2:45 PM **The Cardiology of Migraine Drugs**
Deborah Tepper, MD
Beth Israel Deaconess
- 2:45 PM – 3:15 PM *Panel Discussion*
- 3:15 PM – 3:30 PM **Refreshment Break**
- 3:30 PM – 4:15 PM **Chemodenervation for Chronic Migraine: Nuances and Updates**
Andrew Blumenfeld, MD
The Headache Center of Southern California
- 4:15 PM – 5:15 PM **Nerve Blocks - Reviews and How To's**
Jack D. Schim, MD
The Headache Center of Southern California
- 5:15 PM – 6:00 PM **Wait, Wait, Don't Tell Me/Wine & Cheese Reception**
Moderator: Benjamin Frishberg, MD
The Headache Center of Southern California

Panelists: Susan Hutchinson, MD
Orange County Migraine & Headache Center

Brian E. McGeeney, MD, MPH
Boston University

Bert Vargas, MD
UT Southwestern Medical Center

Saturday, January 30, 2016

- 7:00 AM – 8:00 AM **Continental Breakfast**
- 7:30 AM – 8:00 AM **HCOP Business Meeting**
- 8:00 AM – 8:45 AM **DEBATE: The Year's Most Important Headache Articles**
Morris Levin, MD
UCSF Headache Center

Stewart J. Tepper, MD
Dartmouth University
- 8:45 AM – 9:30 AM **The Blood Vessel and Migraine**
KC Brennan, MD
University of Utah
- 9:30 AM – 9:45 AM **Refreshment Break**
- 9:45 AM – 10:30 AM **White Matter Changes in Migraine?**
Marc Lenaerts, MD
UC Davis
- 10:30 AM – 11:15 AM **Update on Imaging**
Catherine Chong, PhD
Mayo Clinic Arizona
- 11:15 PM – 11:30 PM **Closing Remarks**
Robert P. Cowan, MD
Stanford University



EXHIBITOR DIRECTORY

Allergan, Inc.

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Allergan (NYSE: AGN) is a unique, global pharmaceutical company focused on developing, manufacturing and commercializing high quality generic and innovative branded pharmaceutical products for patients around the world. The Company has approximately 30,000 employees worldwide and maintains global headquarters in Dublin, Ireland. For more information, visit www.Allergan.com.

Autonomic Technologies, Inc.

3698 Haven Ave, Suite C
Redwood City, CA 94063
Tel: 650.216.6107
www.ati-spg.com

Autonomic Technologies, Inc. (ATI) is a medical device company focused on innovative therapies for the treatment of severe headache. The company's initial product, the Pulsante™ Microstimulator, is CE marked in Europe for the treatment of cluster headache. The device is also under an IDE study in the US for the treatment of chronic cluster headache. For more information, please visit: www.pulsante.eu or www.ati-spg.com.

Depomed, Inc.

7999 Gateway Boulevard
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Depomed is a specialty pharmaceutical company that commercializes products for pain and neurology-related disorders. Depomed's marketed products include NUCYNTA® ER (moderate to severe chronic pain) NUCYNTA® (moderate to severe acute pain), Gralise® (postherpetic neuralgia), CAMBIA® (acute migraine), Zipsor® (mild to moderate acute pain) and Lazanda® (breakthrough cancer pain). Depomed's strategy is to identify, license and develop new products that offer enhanced therapeutic options to patient populations underserved by existing therapies. More information is at www.depomed.com.

Booth #2

eNeura Inc

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eNeura Inc., a privately held medical technology company, is pioneering the use of portable, non-invasive Transcranial Magnetic Stimulation (TMS) devices for treatment of migraine. Prescribed by physicians but designed for patient use, it is the first truly portable, convenient TMS product that will allow migraine with aura patients to administer treatment as needed—at home, in the office or on the go.

Booth #1

Booth #3

Pernix Therapeutics

10 North Park Place, Suite 201
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Pernix Therapeutics is a specialty pharmaceutical business with a focus on acquiring, developing and commercializing prescription drugs primarily for the U.S. market. Pernix targets underserved therapeutic areas such as CNS, including neurology and pain management, and has an interest in expanding into additional specialty segments.

Booth #5

Booth #6

Teva Pharmaceuticals

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Teva Pharmaceutical Industries Ltd. is a global company, committed to increasing access to high-quality healthcare by developing, producing and marketing affordable generic drugs as well as innovative specialty pharmaceuticals and active pharmaceutical ingredients. Teva's branded businesses focus on CNS, oncology, pain, respiratory and women's health therapeutic areas. www.tevapharm.com

Booth #4



DISCLOSURES

Blumenfeld, Andrew: Dr. Andrew Blumenfeld has served as a consultant for Allergan, Inc. He is also on the Speaker's Bureau for Allergan, Inc. Dr. Blumenfeld has received grant/research funding and honoraria from Allergan, Inc.

Brennan, KC: Dr. KC Brennan has served as a consultant with Eli Lilly.

Cady, Hannah*: Hannah Cady has nothing to disclose.

Chong, Catherine: Dr. Catherine Chong has nothing to disclose.

Cowan, Robert: Dr. Robert P. Cowan has served as a consultant for Allergan, Inc. and Teva Pharmaceuticals. He has also received grant funding from Allergan, Inc.

Frishberg, Benjamin: Dr. Benjamin Frishberg has nothing to disclose.

Gooch, Morgan*: Morgan Gooch has nothing to disclose.

Hutchinson, Susan: Dr. Susan Hutchinson has served as a consultant for Allergan, Inc., Depomed, Inc., Otsuka Pharmaceutical, Pernix Therapeutics, Takeda Pharmaceuticals and Teva Pharmaceuticals. She is on the Speaker's Bureau for Allergan, Inc., Depomed, Inc., Pernix Therapeutics, Takeda Pharmaceuticals and Teva Pharmaceuticals. Dr. Hutchinson has received honoraria from GlaxoSmithKline.

Lane, Judy*: Dr. Judy Lane is on the speaker's bureau of Depomed, Pernix Therapeutics and Teva Pharmaceuticals.

Lenaerts, Marc: Dr. Marc Lenaerts is on the Speaker's Bureau of Teva Pharmaceuticals.

Levin, Morris: Dr. Morris Levin is a consultant for Allergan, Inc., Depomed, Inc. and Supernus Pharmaceuticals.

McGeeney, Brian: Dr. Brian McGeeney has served as a consultant for Depomed, Inc. and Eli Lilly. He is a stock shareholder with Pfizer, Inc.

Nagy, Abraham*: Dr. Abraham Nagy has nothing to disclose.

Purdy, R. Allan: Dr. Allan Purdy has served as a consultant for Allergan Canada.

Rapoport, Alan: Dr. Allan Rapoport has served as a consultant for Avanir Pharmaceuticals, Dr. Reddy's Laboratories, electroCore LLC, Impax Laboratories, Pernix Therapeutics, Teva Pharmaceuticals and Zosano Pharma, Inc. He is on the speaker's bureau for Depomed, Inc. and Teva Pharmaceuticals.

Schim, Jack: Dr. Jack Schim has served as a consultant with Allergan, Inc. He is on the Speaker's Bureau of Allergan, Inc., Depomed, Inc. and Pernix Therapeutics. Dr. Schim has received honoraria from Allergan, Inc., Depomed, Inc. and Pernix Therapeutics.

Swanson, Jerry: Dr. Jerry Swanson has received honoraria from UpToDate (for editorial work).

Tepper, Deborah: Dr. Deborah Tepper has nothing to disclose.

Tepper, Stewart: Dr. Stuart Tepper is a consultant for Acorda Therapeutics, Allergan, Inc., Amgen, Inc., Autonomic Technologies, Avanir Pharmaceuticals, Depomed, Inc., electroCore LLC, eNeura, Impax Labs, Pfizer, Inc., Teva Pharmaceuticals, and Zosano Pharma. He is on the Speaker's Bureau for Allergan, Inc., Depomed, Inc., Impax Labs, Pernix Therapeutics, Teva Pharmaceuticals. Dr. Tepper is the recipient of grant and/or research support from Allergan, Inc., Amgen, Inc., Autonomic Technologies, electroCore, LLC, eNeura, GlaxoSmithKline, Teva Pharmaceuticals, and OptiNose/Avanir. He receives no personal compensation from the research or grant funding. Dr. Tepper has stock options in Autonomic Technologies (ATI). He has received honoraria from Allergan, Inc., Amgen, Inc., ATI, Avanir, Dr. Reddy's Laboratories, Kimberly Clark, Merck & Company, Pfizer, Inc., Scion and Teva Pharmaceuticals. Dr. Tepper receives royalties from the University of Mississippi Press and Springer Press.

Tietjen, Gretchen: Dr. Gretchen Tietjen has nothing to disclose.

Traino, Maripat*: Maripat Traino has nothing to disclose.

Vargas, Bert: Dr. Bert Vargas has nothing to disclose.

*Planning Committee



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