HCOP WINTER CONFERENCE



FINAL PROGRAM

Jan. 28-29, 2022



HEADACHE COOPERATIVE OF THE PACIFIC

HCOP MISSION STATEMENT

The mission of the Headache Cooperative of the Pacific is to promote communication and spread headache information among headache providers and researchers, to support access to excellent headache care and to promote education and understanding of headache in the medical and lay community in the western United States 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



Exploring New Paradigms, Challenging Old Assumptions

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LETTER FROM THE PRESIDENT

Welcome to the 14th Annual Winter Symposium of the Headache Cooperative of the Pacific (HCOP).

Dear Colleagues,

On behalf of the Board of Directors and the Program Committee, I want to thank you for your continued support and participation. Again this year, due to safety concerns with COVID-19, our entire program will be virtual. Our program directors, Dr. Marc Lenaerts and Dr. Mollie Johnston, have put together an outstanding program. Maripat Traino, our HCOP administrator, has worked tirelessly to help this be one of the best virtual experiences you will ever have. We look forward to your participation.

Our virtual lobby will be open on Thursday, January 27 so you can start selecting which sessions you would like to add to your personal agenda. As long as you have registered, you can access our virtual lobby by going to https://webcast.imsts.com/user. You will then be asked to enter the email you registered with and then the password: HCOP2022!. Our program is eligible for 13.25 Category 1 AMA Credits.

Highlights of this year's virtual program include speakers from across the globe, such as our keynote speaker, Elizabeth Leroux, MD, vice-president of the Canadian Headache Society, the founder of the Migraine Quebec website and association, and an advocate for headache patients. Also speaking this year is Susan Hutchinson, MD, HCOP Immediate Past President and founder of Orange County Migraine & Headache Center; Christoph Schankin, MD of Bern University Hospital; Sini Nwaobi MD, PhD and Josh Kamins MD, both from the David Geffen School of Medicine at UCLA; Donald Nixdorf, DMD, DDS, of the University of Minnesota School of Medicine; Amy Gelfand, MD, Director of Pediatric Headache at UCSF; Arne May, MD, Professor of Neurology in the Department of Systems Neuroscience at the University of Hamburg; and Stewart J. Tepper, M.D., Professor of Neurology at the Geisel School of Medicine at Dartmouth University. Please see the agenda for a full listing of all the incredible speakers and topics.

And our meeting would not be complete with our famous "Wait, Wait, Don't Tell Me" which will take place on Saturday afternoon 1/29/2022.

There is also ample time to visit our ePosters and the Exhibits. We are very grateful for our sponsors who help make an event like this possible. In particular, I want to thank Amgen, Lundbeck, AbbVie, Biohaven, and Lilly, for their support.

Sincerely,

Kerry Knievel, DO President-HCOP



SUPPORTER ACKNOWLEDGEMENTS

HCOP WINTER CONFERENCE

The HCOP wishes to express appreciation to the following companies for their commitment to continuing medical education by providing educational grants in support of this symposium. This activity is supported by educational grants from:

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Teva Pharmaceuticals

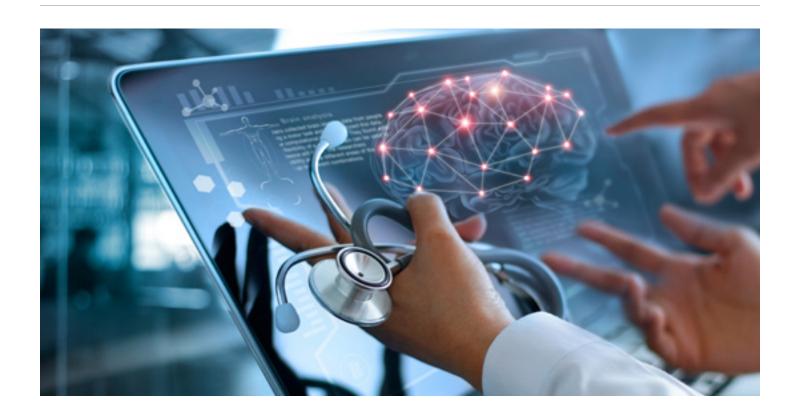


ABOUT HCOP

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

The Headache Cooperative of the Pacific (HCOP) was formed in the summer of 2007 in response to a growing desire for better communication and education among healthcare providers who treat headache patients.

Modeled after the very successful Headache Cooperative of New England (HCNE) and under the guidance of its Founding President, Steven Graff-Radford, DDS (DECEASED) and Founding Director Alan Rapoport, MD, HCOP has been incorporated as a non-profit organization whose mission 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 community. Membership is open to all types of headache caregivers and we encourage our patients to form community support groups.





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Morris Levin, MD University of California San Francisco (San Francisco, CA)

Ali Makki, DMD Loma Linda University Medical Center (Loma Linda, CA)

Jack Schim, MD The Neurology Center of Southern California (San Diego, CA)







EXHIBIT HOURS:

FRI. 1/28 | 10:40am - 11:00am | 12:00pm - 12:30pm | 2:30 pm - 2:45 pm

SAT. 1/29 7:30am - 8:30am 10:15am - 10:45am 12:00pm - 12:45pm 3:00pm - 3:15pm 4:00pm - 4:30pm



FACULTY SPEAKERS



Catherine Chong, PhD Mayo Clinic



Elizabeth Ekpo, MD



Ryotaro Ishii, MD, PhD



Juliana Krosese, PT, RYT, C-IAYT



Robert Cowan, MD



Benjamin Frishberg, MD



Mollie Johnston, MD



Judy Lane, MD



Daniell DeSouza, MSc, PhD



Amy Gelfand, MD



Josh Kamins, MD



Marc Lenaerts, MD



Annika Ehrlich, MS, FNP-C, AQH, CNRN



Susan Hutchinson, MD



Kerry Knievel, DO



Elizabeth Leroux, MD



FACULTY SPEAKERS



Morris Levin, MD



Donald Nixdorf, DMD, DDS



Alan Rapoport, MD,



Elizabeth Loder, MD



Sini Nwaobi, MD, PhD



Christoph Schankin, MD



Youssoufa Maiga, MD, MSc, PhD



Addie Peretz, MD



Jack Schim, MD



Arne May, MD



Amynah Pradhan, PhD



Stewart Tepper, DO



CONTINUING MEDICAL EDUCATION INFORMATION- Virtual Live Event

EDUCATIONAL OBJECTIVES

After participating in this activity, the participant should be able to:

- Recognize acute and chronic migraine, when to initiate treatment and concerning signs and symptoms that require additional evaluation or referral
- Better informed regarding current recommendations for acute and preventive treatment and more able to assess the roles of available acute and preventive treatments in clinical practice
- Be more aware of clinical trial safety and efficacy data for emerging treatment options for acute attacks and for prevention
- Manage special situations in patients with migraine including medication overuse and pregnancy

TARGET AUDIENCE

This program is directed towards Physicians, Nurses, PAs, PharmD's, Fellows and Students interested in Headache Management.

EDUCATIONAL METHODS

Lectures, Case Studies, Panel Discussions, Poster Sessions, Interactive Question and Answer Sessions

ACCREDITATION/CREDIT DESIGNATION

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

MediCom Worldwide, designates this live activity for a maximum of 13.25 AMA PRA Category 1 $Credits^{TM}$. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CME CERTIFICATES

To obtain a CME certificate awarding AMA PRA Category 1 Credits™ physicians must submit a completed evaluation questionnaire, post-test and a CME Verification form. The CME Verification and Evaluation will be emailed to you at the close of each conference day. Your CME certificate will be emailed to you within 14 days from receipt of your evaluation and CME verification form.

EVALUATION

A conference evaluation form will provide participants with the opportunity to comment on the value of the program content to their practice, performance or possible impact on patient health status. Participants will have the opportunity to comment on any perceived commercial bias in the presentations.

If you have any questions, please contact Maripat Traino at mtraino@talley.com



Friday, January 28

8:00 am - 8:45 am IMPEL PRODUCT THEATER*

Registration is REQUIRED:

https://tmgclients.wufoo.com/forms/hcop-2022-impel-product-theater/

*Please note, this is NOT part of the accredited portion of HCOP's program

8:45 am - 9:00 am **HCOP BUSINESS MEETING**

All HCOP Members welcome

9:00 am - 9:05 am PRESIDENT WELCOME REMARKS

Kerry Knievel, DO, HCOP President (Barrow Neurological Institute)

9:05 am - 9:10 am **COURSE OVERVIEW**

Marc Lenaerts, MD, HCOP Program Chair (University of California, Davis)

9:10 am - 10:40 am SESSION 1: SPECIAL SESSION ON SOLVING CLINICAL CHALLENGES

9:10 am **INTRO**

Moderator: Kerry Knievel, DO, HCOP President

(Barrow Neurological Institute)

9:15 am Can We Effectively Manage Migraine in Pregnancy

Addie Peretz, MD (Stanford University)

Elizabeth Ekpo, MD (University of California, Davis)

9:55 am Sharing Care for Challenging Headache Patients

Susan Hutchinson, MD (Orange County Migraine & Headache Center)

10:20 am Q&A

10:40 am - 11:00 am BREAK / EXHIBITS / POSTER VIEWING

10:40 am INTRO to Poster Session

Judy Lane, MD (Neurology of the Rockies)



Friday, January 28

11:00 am - 12:00 pm **SESSION 2: KEYNOTE ADDRESS**

11:00 am **INTRO**

Moderator: Alan Rapoport, MD (University of California, Los Angeles)

11:05 am How Is New Science is Shaping the Future of Headache Medicine?

Elizabeth Leroux, MD (Brunswick Medical Center)

11:50 am Q&A

12:00 pm - 12:30 pm BREAK / EXHIBITS / POSTER SESSION 1

12:30 pm - 2:30 pm SESSION 3: FROM ANATOMY AND PHYSIOLOGY TO THE BENCH

12:30 pm **INTRO**

Moderator: Jack Schim, MD (The Headache Center of Southern California)

12:35 pm **CSD and Sleep: How are They Related?**

Sini Nwaobi, MD, PhD, UCLA (University of California, Los Angeles)

12:55 pm Chronobiology of Primary Headache Disorders

Christoph Schankin, MD (Bern University Hospital)

1:15 pm Does Functional Imaging Blur the Line Between Physiology and Anatomy?

Danielle DeSouza, PhD (Stanford University)

1:35 pm **Does Migraine Chronification Change Your Cortex?**

Catherine Chong, MD (Mayo Clinic)

1:55 pm Q&A

2:30 pm - 2:45 pm BREAK / EXHIBITS / POSTER VIEWING









Friday, January 28

2:45 pm - 4:15 pm SESSION 4: MIGRAINE AND THE CLOCK

2:45 pm **INTRO**

Moderator: Susan Hutchinson, MD

(Orange County Migraine & Headache Center)

2:50 pm Chronic vs Episodic Migraine: Do We Need to Count?

Ryotaro Ishii, MD, PhD (Kyoto Okamoto Memorial Hospital, Kyoto)

3:10 pm Chronification of Post Traumatic Headache: When does Acute become Chronic?

Josh Kamins, MD, PhD (University of California, Los Angeles)

3:30 pm *Is Chronification Just Semantics?*

Elizabeth Loder, MD, MPH (Brigham & Women's, Boston)

3:50 pm Q&A

4:15 pm - 4:30 pm DAY 1 CLOSING REMARKS / DAY 2 OVERVIEW

Marc Lenaerts MD, HCOP Program Chair (University of California, Davis)



Saturday, January 29

7:00 am - 8:00 am SESSION 5: MORNING YOGA

7:00 am **INTRO**

Moderator: Morris Levin, MD (University of California, San Francisco)

7:05 am The Science of Yoga in Headache Medicine

Annika Ehrlich, MS, FNP-C, AQH, CNRN (University of California,

San Francisco)

7:30 am Yoga Session

Instructor: Juliana Kroese (Barrow Neurological Institute)

7:30 am - 8:30 am **EXHIBITS / POSTER VIEWING**

8:30 am - 8:40 am **DAY 2 OVERVIEW**

Marc Lenaerts MD, HCOP Program Chair (University of California, Davis)



Saturday, January 29

8:40 am - 10:15 am SESSION 6: CHALLENGING CONCEPTS IN HEADACHE

8:40 am INTRO

Moderator: Benjamin Frishberg, MD

(The Headache Center of Southern California)

8:45 am *Medication-Overuse Headache: Critical Approach*

Morris Levin, MD (University of California, San Francisco)

9:05 am What Role do Opiate Receptors Have in MOH?

Amynah Pradhan, PhD (University of Illinois, Chicago)

9:25 am Placebo in Headache: Nuisance versus Tool?

Marc Lenaerts MD, Program Chair (University of California, Davis)

9:45 am Q&A

10:15 am - 10:45 am BREAK / EXHIBITS / POSTER SESSION 2

10:45 am - 12:00 pm SESSION 7: SPEAKERS PANEL - WHAT THE EICs LOOK FOR

Moderator: Judy Lane, MD (Neurology of the Rockies)

• Amy Gelfand, MD (University of California, San Francisco)

Arne May, MD (University of Hamburg)

• John Rothrock, MD (George Washington University)

11:45 am Q&A

12:00 pm - 12:45 pm **EXHIBITS / POSTER VIEWING**

12:00 pm - 12:45 pm LUNDBECK PRODUCT THEATER* Registration is REQUIRED

https://tmgclients.wufoo.com/forms/hcop-2022-lundbeck-product-theater-copy/

*Please note, this is NOT part of the accredited portion of HCOP's program





Saturday, January 29

| 1:00 pm - 3:00 pm | SESSION 8: AFTERNOON PANEL - WHAT ARE BARRIERS IN ACCESS TO CARE? |
|-------------------|--|
| 1:00 pm | INTRO Moderator: Kerry Knievel, DO HCOP President (Barrow Neurological Institute) |
| 1:05 pm | Geographic Disparities in Headache Medicine and Resource Utilization Youssoufa Maiga, MD, PhD (University of Bamako) |
| 1:25 pm | Utilizing Technology to Improve Access, Accuracy, and Outcome Rob Cowan, MD (Stanford University) |
| 1:45 pm | Exciting Times: New and Future Pharmacotherapy for Headache Alan Rapoport, MD (University of California, Los Angeles) |
| 2:05 pm | When it is Time to Stimulate Patients: Use of Devices in Headache Stewart Tepper, MD (Dartmouth University) |
| 2:25 pm | Q&A |
| 3:00 pm - 3:15pm | BREAK / EXHIBITS / POSTER VIEWING |
| 3:15 pm - 4:00 pm | SESSION 9: STEVEN GRAFF RADFORD AWARD LECTURE |
| 3:15 pm | Lecture Introduction Moderator: Mollie Johnston, MD (University of California, Los Angeles) |
| 3:20 pm | TMD: What are the Implications in Headache Disorders? Donald Nixdorf, DMD, DDS (University of Minnesota) |
| 3:45 pm | Q&A |
| 4:00 pm - 4:30 pm | BREAK / EXHIBITS / POSTER VIEWING |
| 4:30 pm - 5:30 pm | SESSION 10: WAIT, WAIT, DON'T TELL ME Host: Morris Levin, MD (University of California, San Francisco) Panelists: Rob Cowan, MD (Stanford University) Annika Erlich, MS, FNP-C, AQH, CNRN (University of California, San Francisco) Benjamin Frishberg, MD (The Headache Center of Southern California) Elizabeth Leroux, MD (Brunswick Medical Center) |
| 5:30 pm - 5:40 pm | CLOSING REMARKS |

Kerry Knievel, DO, HCOP President (Barrow Neurological Institute)



FACULTY DISCLOSURES

CME DISCLOSURE INFORMATION

As an organization accredited by the Accreditation Council for Continuing Medical Education (ACCME), MediCom Worldwide, Inc. requires everyone who is in a position to control the content of an accredited continuing education activity to disclose all financial relationships with any ineligible company. The ACCME defines "ineligible companies" as any entity whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products by or on patients. A relevant relationship exists if a financial relationship in any amount exists between the person in control of content and an ineligible company; the financial relationship existed during the past 24 months and the content of the education is related to the products of an ineligible company with whom the person has a financial relationship.

All of the relevant financial relationships listed for these individuals have been mitigated

PLANNING COMMITTEE

Robert Cowan, MD, a planner and faculty for this presentation, is a consultant and has stock options in AgoneX, Inc., is an advisor for Allergan, and is an equity holder in BonTriage.

Molly Johnston, MD, a planner and moderator for this conference, has no relevant financial relationships with ineligible companies to disclose.

Marc Lenaerts, MD, a planner, speaker, and moderator for this conference, is on the speakers' bureau for Amgen, Lilly, and Teva.

Joan Meyer, RN, MHA, Executive Director, Lillian McVey, Medical Writer, Andrea Mathis, Project Manager, Maripat Trainor, Meeting Planner, planners for this educational activity, have no relevant financial relationship(s) to disclose with ineligible companies whose primary business is producing, marketing, selling, reselling, or distributing healthcare products used by or on patients.

PEER REVIEWER

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FACULTY

Catherine Chong, MD, faculty for this conference, is receiving research support from Amgen.

Danielle DeSouza, MD, faculty for this conference, is a consultant for Percept Corporation and Winterlight Labs, Inc.



FACULTY DISCLOSURES

Annika Ehrlich, MS, FNP-C, AQH, CNRN, faculty for this conference, is on the advisory board of Currax and Impel NeuroPhama, is a speaker for AbbVie/Allergan and Lilly Pharmaceuticals, and serves as a consultant for AbbVie/Allergan.

Elizabeth Ekpo, MD, faculty for this conference, has no relevant financial relationships with ineligible companies to disclose.

Benjamin Frishberg, MD, moderator for this conference, is a speaker for AbbVie, Biohaven Pharmaceuticals, and Lilly, and has received research support from AbbVie.

Amy Gelfand, MD, faculty for this conference, has received grant support from Amgen and Duke Clinical Research Institute, and research support from Genentech.

Susan Hutchinson, MD, faculty and moderator for this conference, is receiving support as a consultant/advisor from AbbVie, Amgen, Biohaven Pharmaceuticals, Currax, Impel, Lilly, Lundbeck, Novartis, Teva, Theranica, and Upsher-Smith, and speakers' bureau activity from AbbVie, Amgen, Biohaven,, ElectroCore, Impel, Lilly, Lundbeck, Novartis, Teva, Theranica, and Upsher-Smith.

Ryotaro Ishii, MD, PhD, faculty for this conference, has no relevant financial relationships with ineligible companies to disclose.

Josh Kamins, MD, faculty for this conference, is a consultant for Lundbeck.

Kerry Knievel, DO, moderator for this conference, is a consultant for AbbVie, Amgen, Currax, Upsher-Smith, Lilly, and Theranica, is on the speakers' bureau for AbbVie, Amgen, Biohaven Pharmaceuticals, and Lundbeck, and receives research support from AbbVie.

Judy Lane, MD, moderator and faculty for this conference, is on the speakers' bureau for Biohaven Pharmaceuticals, Amgen, AbbVie, Lilly, and Teva, and the advisory board for Impel.

Elizabeth Leroux, MD, faculty for this conference, is an ad board member/consultant/speaker for AbbVie/Allergan, Aralez/Tribute/Miravo, Lilly, Lundbeck, McKesson, Novartis, and Teva Neuroscience.

Morris Levin, MD, moderator and faculty for this conference, is on the advisory board of AbbVie, Allergan, Biohaven, BioDelivery Sciences International, Currax, Theranica, and Upsher-Smith.

Elizabeth Loder, MD, faculty for this conference, has no relevant financial relationships with ineligible companies to disclose.

Youssoufa Maiga, MD, MSc, PhD, faculty for this conference, has no relevant financial relationships with ineligible companies to disclose.

Arne May, MD, faculty for this conference, has no relevant financial relationships with ineligible companies to disclose.



FACULTY DISCLOSURES

Donald Nixdorf, DMD, DDS, faculty for this conference, is a consultant for Biohaven and Dandelion Science Corp.

Sini Nwaobi, MD, PhD, faculty for this conference, has no relevant financial relationships with ineligible companies to disclose.

Addie Peretz, MD, faculty for this conference, has no relevant financial relationships with ineligible companies to disclose.

Amynah Pradhan, PhD, faculty for this conference, receives research support from Amgen and Lundbeck.

Alan Rapoport, MD, a moderator and faculty for this conference, is an advisor to AbbVie, Amgen, Biohaven Pharmaceuticals, Cala Health, Satsuma, Teva Pharmaceuticals, Theranica, Xoc, and Zosano, and is on the speakers' bureau for AbbVie, Amgen, Biohaven Pharmaceuticals, Lundbeck, and Teva Pharmaceuticals.

Christoph Schankin, MD, faculty for this conference, receives consulting/advisory board/ speakers' bureau support from Lilly, Novartis, Teva, Lundbeck, Almirall; is on the advisory board for Allergan, MindMed; speakers' bureau for Amgen, Grunenthal; and research from German Migraine and Headache Society, Eye and Vision Foundation, and Baasch Medicus Foundation.

Jack Schim, MD, moderator for this conference, receives support as a consultant from Ader, Allergan, Amgen, Biohaven, Currax, electroCore, Impel, Lilly Novartis, Promius, Teva, Theranica, and Upsher-Smith; research from Aeon, Alder, Allergan, Amgen, electroCore, Lilly, Teva, Theranica; and is a speaker for Alder, Allergan, Amgen, Biohaven, electroCore, Impel, Lilly, Novartis, Promius, Teva, Theranica, and Upsher-Smith.

Stewart Tepper, MD, faculty for this conference, receives support as consultant/advisory board from Aeon, Allergan/AbbVie, AlphaSights, Amgen, Aruene, Atheneum, Axsome Therapeutics, Becker Pharmaceutical Consulting, ClearView Healthcare Partners, CoolTech, CRG, Currax, Decision Resources, Defined Health, DRG, Eli Lilly, ExpertConnect, FCB Health, Fenix, GLG, Guidepoint Global, Health Science Communications, HMP Communications, Impel, Interactive Forums, Krog and Partners, Lundbeck, M3 Global Research, MJH Holdings, Neurolief, Novartis, P Value Communications, Pain Insights, Inc, Palion Medical, Pulmatrix, Putnam Associates, SAI MedPartners, Satsuma, Spherix Global Insights, Strategy Inc, System Analytic, Taylor and Francis, Teva, Theranica, Trinity Partners, Unity HA, and XOC, Zosano; and research grants from Allergan/AbbVie, Amgen, Eli Lilly, Lundbeck, Neurolief, Novartis, Satsuma, and Zosano.

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Save the Date!16th Annual Winter Conference

January 2023

Meeting Information: Talley Management Group, Inc. 19 Mantua Road, Mt. Royal, NJ 08061

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