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Keck School of Medicine USC
Office of Continuing Medical Education
1540 Alcazar Street, CHP 223
Los Angeles, Calif. 90033



5th Annual Pain Management Symposium
August 21-22, 2014

USC Health Sciences Campus
Aresty Conference Center
1450 Biggy Street, Los Angeles, Calif. 90033

Keck Medicine of USC

5th Annual Pain Management Symposium



Thursday-Friday
August 21-22, 2014

7:30 a.m.- 4:30 p.m.

Aresty Conference
Center

1450 Biggy Street

Los Angeles, Calif. 90033

Up to 12.75
AMA PRA Category
1 Credits™ in Pain
Management and
End of Life.

Presented by:
Keck Medical Center of USC, Division of Nursing Education and
USC Office of Continuing Medical Education

PROGRAM

Thursday, August 21, 2014

7:30 a.m.

Registration and Breakfast, Welcome

8:00 a.m.

Session 1: General Session

Evidence-Based Pain Management: A Focus on Patient Perception of Care

Chris Pasero, M.S., R.N.-B.C., F.A.A.N.

9:00 a.m.

Break

9:15 a.m.

Session 2A: Nursing/Allied Health Track

Comprehensive Pain Assessment in All Patients

Chris Pasero, M.S., R.N.-B.C., F.A.A.N.

The Hierarchy of Pain Measures is a framework for pain assessment that addresses the needs of all patient populations. This presentation describes how the health care team can apply the Hierarchy to assess pain in patients who can self-report their pain as well as in those who have difficulty reporting pain, such as infants, children, the cognitively impaired and the critically ill.

Session 3A: Provider Track

Advanced Pain Management Pharmacology

Steven Richeimer, M.D.

This 2.5 hour mini-course on advanced pain pharmacology will cover a variety of topics including: Opioid pharmacology and opioid risk management, medications for neuropathic pain, steroids and non-steroidal anti-inflammatories and headache medications.

10:45 a.m.

Break

11:00 a.m.

Session 2B: Nursing/Allied Health Track

Multi modal Analgesia and Principles of Pain Management

Chris Pasero, M.S., R.N.-B.C., F.A.A.N.

This lecture presents the types of pain, reviews pain transmission, and describes the practical application of current evidence-based guideline recommendations to provide multi modal analgesia for the treatment of all types of pain. The principles of pain management are explained as the foundation of the multi modal analgesia treatment plan.

Session 3B: Provider Track

Advanced Pain Management Pharmacology (continued)

Steven Richeimer, M.D.

12:00 p.m.

Lunch and Poster Presentations

1:00 p.m.

Session 2C: Nursing/Allied Health Track

Pharmacologic Management of Pain

Chris Pasero, M.S., R.N.-B.C., F.A.A.N.

Pharmacologic approaches are the cornerstone of moderate to severe pain. This session presents the first-line opioid analgesics. Opioid addiction, physical dependence and tolerance are discussed. Methods for the prevention and treatment of opioid-induced sedation and respiratory depression are described.

Session 3C: Provider Track

Pain Management Advanced Interventions

Rakhi Dayal, M.D. & Michael Sniderman, M.D.

The presenters will evaluate treatment options for various chronic pain conditions including neural blockade, spinal cord stimulation and intrathecal drug therapy.

2:00 p.m.

Break

2:15 p.m.

Session 2D: Nursing/Allied Health Track

Pharmacologic Management of Pain (continued)

Chris Pasero, M.S., R.N.-B.C., F.A.A.N.

This session builds on the previous session by presenting the recommended non-opioids (acetaminophen, nonsteroidal anti-inflammatory drugs), local anesthetics, anti-convulsants and antidepressants for pain treatment. Dosing recommendations and side effects are discussed.

Session 3D: Provider Track

Pain Management Advanced Interventions (continued)

Rakhi Dayal, M.D. & Michael Sniderman, M.D.

3:00 p.m.

Session 2E: Nursing/Allied Health Track

Ethical and Legal Implications of Pain Management for Nurses

Chris Pasero, M.S., R.N.-B.C., F.A.A.N.

The focus of this lecture is on the legal and ethical implications of pain management as they pertain to the bedside nurse's practice. Case presentations illustrate real legal and ethical dilemmas nurses face when caring for patients with pain and reinforce the principles that underlie their successful resolution.

Session 3E: Provider Track

Pain Management Case Studies: Panel Discussion

Rakhi Dayal, M.D., Pamela Merriam, M.S.N., A.N.P.-B.C., O.C.N., Michael Sniderman, M.D., Jonathan C. Sum, PT, D.P.T., O.C.S., S.C.S., C.S.C.S., Ashley Uyeshiro, O.T.D., O.T.R./L., Faye Weinstein, Ph.D.

4:00 p.m.

Evaluations

4:30 p.m.

Adjournment

Friday, August 22, 2014

7:30 a.m.

Registration and Breakfast, Welcome

8:15 a.m.

Session 4: General Session

Spiritual and Psychological Issues in Pain Management

Steven Richeimer, M.D.

Patients in pain often suffer spiritual and psychological crises. Recognizing these issues in our patients can help to alleviate suffering, and may help patients to utilize their spiritual strengths as they confront difficult medical conditions.

9:15 a.m.

Session 5: General Session

Alternative Medicine Therapies in Pain Management

Jeffrey I. Gold, Ph.D.

10:45 a.m.

Break

11:00 a.m.

Breakout Session 6: Acute Pain in the Chronic Pain Patient

Margaret Miller, M.D. & Linda Rever, M.D.

Breakout Session 7: Pediatric Pain

Jeffrey I. Gold, Ph.D. & Robert Holloway, M.D.

12:00 p.m.

Lunch and Poster Presentations

1:00 p.m.

Breakout Session 8: Pharmacological Treatments for Neuropathic Pain

Erin Knox, Pharm.D. & Kum Ja Lee, Pharm.D.

Breakout Session 9: Continuous Peripheral Nerve Blocks

Jack Berger, M.D.

2:15 p.m.

Breakout Session 10: Pain Syndrome: CRPS, Headaches

Rakhi Dayal, M.D. & Soma Sabai, M.D.

Breakout Session 11: Palliative Care and Cancer Pain

Alexander J. Madonis, M.D.

3:15 p.m.

Break

3:30 p.m.

Session 12: General Session

Overview/Key Concepts of Pain Management

Steven Richeimer, M.D.

A review of key "take home" points to apply to your practices.

4:15 p.m.

Evaluations

4:30 p.m.

Adjournment

FACULTY

FEATURED SPEAKERS

STEVEN RICHEIMER, M.D.



Dr. Richeimer is the Chief of the USC Division of Pain Medicine. He is Board Certified in the fields of anesthesiology and psychiatry, and in the sub-specialty of pain medicine. Dr. Richeimer is a member of the American Pain Society, American Academy of Pain Medicine, American Society of Anesthesiologists, International Association for the Study of Pain, and the American Medical Association. He is on the editorial boards of *Pain Medicine* and *Practical Pain Management*. He is also a member of the board of For Grace. Dr. Richeimer has published over fifty papers and chapters, as well as the newly released book, *A Pain Doctor's Guide to Relief: Confronting Chronic Pain*. Dr. Richeimer is dedicated to using the full scope of medical science to provide personalized, effective care.

JEFFREY I. GOLD, Ph.D.



Dr. Jeffrey I. Gold, Ph.D., is an Associate Professor in the Departments of Anesthesiology and Pediatrics at the Keck School of Medicine of University of Southern California. Dr. Gold, a Licensed Clinical Psychologist, is director of the Pediatric Pain Management Clinic within the comprehensive multidisciplinary Pain Management and Palliative Care Program in the Department of Anesthesiology Critical Care Medicine at Children's Hospital Los Angeles (CHLA). Dr. Gold is also the director of the Children's Outcomes, Research and Evaluation (C.O.R.E.) program, director of the CHLA-Yo San University Pediatric Acupuncture program and the CHLA-Heart Touch Massage Program, and faculty with the Pediatric Psychology specialization within the USC University Center of Excellence in Developmental Disabilities Mental Health Services at CHLA. Dr. Gold has specialized in the assessment, treatment, and clinical investigation of acute and chronic pain in children, adolescents and adults with various chronic medical illnesses, such as sickle cell disease and chronic pain conditions.

CHRIS PASERO, M.S., R.N.-B.C., F.A.A.N.



Chris Pasero is a pain management author, educator, and clinical consultant from El Dorado Hills, California. She is a co-founder and past president of the American Society for Pain Management Nursing and is board certified in pain management nursing. Chris serves on the editorial boards of several nursing and medical journals and is a member of the Board of Directors of the American Chronic Pain Association and a member of the PAINS Steering Committee for the Center for Practical Bioethics. She is the recipient of several pain management journalistic, teaching, and clinical practice awards. Publications include numerous pain management articles, position papers, guidelines, book chapters, and the books, *Pain: Clinical Manual* and *Pain Assessment and Pharmacologic Management*.

ACCREDITATION STATEMENT

The Keck School of Medicine of the University of Southern California is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION

The Keck School of Medicine of the University of Southern California designates this live activity for a maximum of 12.75 *AMA PRA Category 1 Credits*.™ Physicians should claim only the credits commensurate with the extent of their participation in the activity.

The following may apply *AMA Category 1 Credit(s)*™ for license renewal:

Registered Nurses may report up to 12.75 credit hour (s) toward the CME requirements for license renewal by their state Board of Registered Nurses (BRN). CME may be noted on the license renewal application in lieu of a BRN provider number. This program is approved by the California Board of Registered Nursing, Provider No. CEP15533, for 12.75 contact hours. (NO PARTIAL DAY CREDIT)

Physician's Assistants: The National Commission on Certification of Physicians' Assistants states that *AMA Category 1* accredited courses are acceptable CME requirements for recertification.

FACULTY

SYMPOSIUM DIRECTORS

STEVEN RICHEIMER, M.D.

Director, USC Pain Center Medicine

Chief, Division of Pain Medicine

Keck School of Medicine of USC

VERONICA ACEVEDO, R.N.-B.C., B.S.N.

Pain Management Coordinator

Keck Medical Center of USC

KECK MEDICINE OF USC

JACK BERGER, M.S., M.D., Ph.D.

Professor of Clinical Anesthesiology

Director, Regional Anesthesia Resident Training

LAC+USC Medical Center

RAKHI DAYAL, M.D.

Assistant Professor of Clinical Anesthesiology

Division of Pain Medicine

JEFFREY I. GOLD, Ph.D.

Associate Professor of Anesthesiology and

Pediatric

Director, Pediatric Pain Management Clinic

Children's Hospital Los Angeles (CHLA)

ROBERT HOLLOWAY, M.D.

Assistant Professor of Clinical Psychiatry

Division of Behavioral Sciences and Pediatrics

Children's Hospital Los Angeles (CHLA)

ERIN KNOX, Pharm. D., BCPP

Clinical Pharmacist in Psychiatry

KUM JA LEE, Pharm. D.

Assistant Professor of Clinical Pharmacy

USC School of Pharmacy

PAMELA MERRIAM, M.S.N.,

A.N.P.-B.C., O.C.N.

Nurse Practitioner

Department of Anesthesiology

COURSE INFORMATION

Cancellation Policy: In the event of cancellation by conference organizers, all registration fees will be fully refunded. USC will not refund travel costs for cancelled courses. There is a cancellation fee of \$50. All requests must be received by fax or email only by August 19, 2014. No cancellations after August 19, 2014. No refunds will be given after the course begins. Bank draft or money order in the U.S. currency and drawn on a U.S. bank is required for all foreign registrants. University policy does not allow acceptance of foreign personal checks.

Course Location: Aresty Conference Center, in the lower ground level of the Harlyne J. Norris Cancer Research Tower on the USC Health Sciences Campus: 1450 Biggy Street, LA, 90033.

Parking: Biggy Parking Structure, 1334 Biggy Street at Zonal Avenue, LA, 90033 at the Keck School of Medicine on the USC Health Sciences Campus.

Special Needs: Please alert us of special needs by August 7, 2014 in order to better serve you.

ALEXANDER J. MADONIS, M.D.

Assistant Professor of Clinical Medicine

Palliative Medicine and Supportive Care

USC Department of Medicine

MARGARET L. MILLER, M.D.

Assistant Professor of Clinical Anesthesiology

Division of Pain Medicine

LINDA REVER, M.D.

Assistant Professor of Clinical Anesthesiology,

Division of Pain Medicine

SOMA SAHAI-SRIVASTAVA, M.D.

Associate Professor of Neurology,

Medical Director Neurology Clinics

Director, USC Headache Program

MICHAEL SNIDERMAN, M.D.

Assistant Professor of Clinical Anesthesiology

Division of Pain Medicine

JONATHAN C. SUM, P.T., D.P.T., O.C.S.,

S.C.S., C.S.C.S.

Assistant Professor of Clinical Physical Therapy

Director USC Physical Therapy Associates-HSC

Division of Biokinesiology and Physical Therapy

at the Ostrow School of Dentistry of USC

ASHLEY UYESHIRO, O.T.D., O.T.R./L.

Assistant Professor of Clinical Occupational Therapy

USC Occupational Therapy Faculty Practice

Division of Occupational Science and

Occupational Therapy at the Ostrow School of

Dentistry of USC

FAYE WEINSTEIN, Ph.D.

Assistant Professor

Director, USC Pain Management Psychology

Department of Anesthesiology & Psychiatry

COURSE DESCRIPTION

The two-day event will feature pain management expert Chris Pasero, M.S., F.N.-B.C., F.A.A.N., faculty and staff members from the world-renowned Keck School of Medicine of USC discussing the latest advancements in patient-centered, inter-disciplinary pain management.

TARGET AUDIENCE

Practitioners and health care professionals who seek the latest developments in pain medicine, including primary care physicians, oncologists, surgeons, hospitalists, nurse practitioners, physician assistants, pharmacists, nursing, and other allied health care professionals who treat patients with acute, chronic malignant and non-malignant pain.

COURSE OBJECTIVES

At the conclusion of the program the participant should be able to:

- Identify approaches to improve patient global satisfaction with hospital stay through evidence-based pain management.

- Apply the Hierarchy of Pain Measures to the assessment of pain in all patient populations.

- Describe the rationale and principles underlying multi modal analgesia.

- Identify the potential benefits and drawbacks of various agents used as part of a multi modal approach to treat acute pain.

- Discuss the pharmacodynamics and pharmacokinetics of first-line opioid analgesics.

- Describe the appropriate use of non opioids, local anesthetics, anti convulsants and antidepressants for the treatment of pain.

- Outline available national guidelines for pain and key recommendations for chronic opioid treatment and neuropathic pain.

- Classify pain management techniques and dosing regimens for acute and post-operative pain in the chronic pain patients.

- Describe the primary pharmacological treatments for neuropathic pain.

- Describe the use of KETAMINE for pain.

- Define Complementary and Alternative Medicine (CAM) therapies.

- Define the biopsychosocial nature of pediatric chronic pain.

- Classify the elements of pediatric pain assessment.

- Describe the services offered by the Palliative Care service.

- Identify non-pain symptoms that are managed by the Palliative Care team including assessment criteria and management of each symptom.

- Describe how unaddressed spiritual problems can affect suffering.

- Outline the care and management of continuous peripheral nerve blocks and possible side effects.

- Evaluate treatment options for various chronic pain conditions including pharmacology, neural blockade, spinal cord stimulation and intrathecal drug therapy.

REGISTRATION FORM

5th Annual Pain Management Symposium: August 21-22, 2014

NAME _____

DEGREE _____ LICENSE# (MD/DO/RN) _____

TELEPHONE _____ FAX _____

ADDRESS _____

CITY _____ STATE _____

ZIP CODE _____ SPECIALTY _____

EMAIL ADDRESS* _____

INSTITUTIONAL AFFILIATION _____

* Correspondence and confirmations are sent by email.

TUITION:

Early bird registration until June 16, 2014

Rates for MD, RN, Allied Health as follows:

Two-Day Attendance ☐ \$250 Two-Day Discounted** ☐ \$175

Two-Day Group Rate* ☐ \$200 Single-Day Attendance ☐ \$125

On site registration and payment fees after June 16, 2014

Rates for MD, RN, Allied Health as follows:

Two-Day Attendance ☐ \$300 Two-Day Discounted** ☐ \$225

Two-Day Group Rate* ☐ \$250 Single-Day Attendance ☐ \$175

*Group rate is for five or more participants from one institution. Registration must be mailed together.

**Discounted rate applies for students, fellows, physicians and employees affiliated with USC.

PAIN MANAGEMENT BREAKOUT SESSIONS:

Day 1: **Day 2:**

Nursing/Allied Track ☐ Sessions: 6 or 7

☐ Sessions: 2A, 2B, 2C, 2D & 2E ☐ Sessions: 8 or 9

OR ☐ Sessions: 10 or 11

Provider Track

☐ Sessions: 3A, 3B, 3C, 3D & 3E

METHOD OF PAYMENT:

☐ CHECK (Payable to USC) ☐ CREDIT CARD (Visa or Mastercard only)

Visa/Mastercard # _____

Expiration Date _____ Three digit security code on back of card _____

Authorized Signature _____ Amount \$ _____

REGISTRATION:

Mail completed registration form and check payment to:

Office of CME, 1540 Alcazar Street, CHP 223, Los Angeles, California, 90033.

Register online: www.usc.edu/cme. Scroll down to Pain Management Symposium.

Call: 323-442-2555 or Toll-Free: 1-800-USC-1119