

45th Annual USC Diagnostic & Therapeutic Skills in Internal Medicine



February 27-March 3, 2017

**Westin Maui Resort
and Spa
Maui, Hawaii**

Presented by:

*USC Department of Medicine &
USC Office of Continuing Medical Education*

Keck School of
Medicine of **USC**

COURSE DESCRIPTION

The 45th USC Diagnostic & Therapeutic Skills in Internal Medicine Course is designed especially for internists, family physicians, generalist physicians and allied health professionals who care for adults. This five-day course provides participants with a series of interactive lectures by USC faculty experts spanning a wide array of contemporary and important topics for primary care practitioners and special, more intimate, roundtables in which participants engage our faculty experts with questions arising from their own practices.

Lecture presenters use an anonymous electronic audience response system to allow immediate feedback reflecting the group's active learning process and to enable group reflections on case studies and challenging clinical questions in real time. Participants will be able to attain new and practical knowledge for integration into their clinical practices to improve patient care and patient outcomes.

TARGET AUDIENCE

This course is intended for practicing internists, family medicine physicians, generalist physicians and allied health personnel who care for adults and who seek to enhance their understanding of internal medicine and available treatment options to optimize the management of their patients.

PROGRAM

Monday, February 27, 2017

- 6:30 am **Registration and Breakfast**
- 7:00 am **Welcome and Introduction**
Ron Ben-Ari, MD
- 7:10 am **Fast and Furious: Infectious Disease Emergencies**
Paul Holtom, MD
- 7:40 am **AKI: Prevention, Diagnosis and Prognosis**
Arshia Ghaffari, DO
- 8:20 am **Novel Advances in Obesity Therapeutics: 2017**
Kurt Hong, MD, PhD
- 9:00 am **Break**
- 9:10 am **Colon Cancer Screening and Surveillance Update 2017**
Gregory Idos, MD
- 9:50 am **Evaluation of Anemia: From the Mundane to the Mysterious**
Casey O'Connell, MD
- 10:30 am **A Balanced Approach: Management of the Dizzy Patient**
Dennis Maceri, MD
- 11:10 am **Break**
- 11:20 am **Easing the Way: Non-Pain Symptom Management in the Terminally Ill**
Carin van Zyl, MD
- 12:00 pm **Thyroid Function in Aging or "The Taper"**
Peter Singer, MD
- 12:35 pm **Adjourn**

Tuesday, February 28, 2017

- 6:30 am **Registration and Breakfast**
- 7:00 am **Clearing the Way: Lipid Management 2017**
Ron Ben-Ari, MD
- 7:40 am **CKD for the PCP**
Arshia Ghaffari, DO
- 8:20 am **Hereditary Cancer Syndromes for the PCP: BRCA, Lynch Syndrome, and Beyond**
Gregory Idos, MD
- 9:00 am **Break**
- 9:10 am **Adult Malnutrition: New Consensus Guidelines on Screening and Treatment**
Kurt Hong, MD, PhD
- 9:50 am **Nephrolithiasis Simplified**
Arshia Ghaffari, DO
- 10:30 am **How to Approach Elevated Blood Cell Counts**
Casey O'Connell, MD
- 11:10 am **Break**
- 11:20 am **GERD, Esophagitis and Barrett's Update 2017**
Gregory Idos, MD
- 12:00 pm **Idiopathic Cytopenia of Undetermined Significance (ICUS)**
Casey O'Connell, MD
- 12:35 pm **Adjourn**

Wednesday, March 1, 2017

- 6:30 am **Registration and Breakfast**
- 7:00 am **Diabetes Medications Update: When and Which Ones to Use**
Peter Singer, MD
- 7:40 am **10-out-of-10?! Palliative and Chronic Pain Management**
Carin van Zyl, MD
- 8:20 am **From the Jungle to Your Office: Emerging Infectious Diseases**
Paul Holtom, MD
- 9:00 am **Break**
- 9:10 am **Pituitary Physiology and Disorders for the PCP**
Peter Singer, MD
- 9:50 am **Healer Till the End: Physician Assisted Death**
Carin van Zyl, MD
- 10:30 am **Why are We so Much Better with the Kids? Adult Immunization Strategies**
Paul Holtom, MD

- 11:10 am **Break**
- 11:20 am **Cancer? Congenital? The Work-Up and Management of a Neck Mass**
Dennis Maceri, MD
- 12:00 pm **Option 1: Meet the Professor Roundtable**
Dennis Maceri, MD
- 12:00 pm **Option 2: Meet the Professor Roundtable**
Carin van Zyl, MD
- 12:00 pm **Option 3: Meet the Professor Roundtable**
Paul Holtom, MD
- 12:35 pm **Adjourn**

Thursday, March 2, 2017

- 6:30 am **Registration and Breakfast**
- 7:00 am **The Smoke Clears: Medical Marijuana in 2017**
Carin van Zyl, MD
- 7:40 am **Diabetic Kidney Disease: Old, New and Emerging Therapies**
Arshia Ghaffari, DO
- 8:20 am **Adrenal Insufficiency and Glucocorticoid Use: What the Clinician Needs to Know**
Peter Singer, MD
- 9:00 am **Break**
- 9:10 am **Hot Topics in Thrombosis and Anticoagulation**
Casey O'Connell, MD
- 9:50 am **The SPRINT Trial: What Does this Mean for HTN Guidelines?**
Arshia Ghaffari, DO

- 10:30 am **TSH Normalized! Why Do Patients with Hypothyroidism Still Feel Poorly?**
Peter Singer, MD
- 11:10 am **Break**
- 11:20 am **Epiphenomena of Monoclonal Gammopathy of Undetermined Significance (MGUS) in Common Practice**
Casey O'Connell, MD
- 12:00 pm **Option 1: Meet the Professor Roundtable**
Casey O'Connell, MD
- 12:00 pm **Option 2: Meet the Professor Roundtable**
Arshia Ghaffari, DO
- 12:00 pm **Option 3: Meet the Professor Roundtable**
Peter Singer, MD
- 12:35 pm **Adjourn**

Friday, March 3, 2017

- 6:30 am **Registration and Breakfast**
- 7:00 am **How to Protect Your Patients Through Infection Prevention Practices**
Paul Holtom, MD
- 7:40 am **Nasal Nuisance! Assessment and Treatment of Rhinosinusitis**
Dennis Maceri, MD
- 8:20 am **Vitamins and Minerals: Truths and Myths**
Kurt Hong, MD, PhD
- 9:00 am **Break**
- 9:10 am **The Latest Approach to Thyroid Nodules: Molecular Testing and More**
Dennis Maceri, MD
- 9:50 am **Genetic Counseling: What the PCP Needs to Know**
Gregory Idos, MD
- 10:30 am **Rebuilding the Food Pyramid: New U.S. Dietary Guidelines**
Kurt Hong, MD, PhD
- 11:10 am **Break**
- 11:20 am **The Future of Medical Care: It's in the Genes**
Gregory Idos, MD
- 12:00 pm **Option 1: Meet the Professor Roundtable**
Gregory Idos, MD
- 12:00 pm **Option 2: Meet the Professor Roundtable**
Kurt Hong, MD, PhD
- 12:35 pm **Adjourn**

COURSE OBJECTIVES

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

- Know and apply the fundamentals of equianalgesia and effective pain management strategies when addressing difficult-to-treat pain; Recognize and manage non-pain symptoms in very sick patients; Understand the most current literature, and the legal and ethical implications of physician assisted death; Know and apply the most current literature regarding medical marijuana;
- Understand the current evidence and future implications of individual genetic predisposition with regard to diagnosis and treatment of cancer and other diseases; Know and apply current guidelines and evaluation and screening strategies for colorectal cancer and GERD, esophagitis and Barrett's esophagus; Recognize when to evaluate for, and the significance of, hereditary cancer syndromes such as BRCA, Lynch syndrome and others; Know and apply genetic counseling information relevant to the PCP;
- Evaluate and manage obesity in the office setting; Recognize and treat malnutrition in adult patients; Understand and apply the most current U.S. dietary guidelines; Know and apply current understanding of the benefits and risks of vitamins, minerals and other supplements;
- Know and apply current understanding of the pathophysiology of diabetes and the most current agents available for choosing appropriate individualized therapies; Understand and apply the latest evidence regarding declining thyroid function in the aging including subclinical thyroid dysfunction; Recognize and address patients with hypothyroidism who continue to feel poorly despite a normalized TSH; Understand and evaluate pituitary physiology and appropriately manage pituitary disorders; Understand, evaluate and manage adrenal insufficiency and the appropriate use of glucocorticoids;
- Know and apply the current staging system for chronic kidney disease and understand its relevance to primary care practice; Know and apply current understanding of the evaluation, treatment, and implications of acute kidney injury; Evaluate and treat nephrolithiasis; Know and apply current understanding of the pathophysiology of diabetic kidney disease and the prevention, evaluation, and treatment options available; Understand the implication of the Systolic Blood Pressure Intervention Trial (SPRINT) on treatment guidelines for hypertension; Apply the most recent ACC/AHA cholesterol treatment guidelines to reduce risk of cardiovascular events and assess when to consider use of PCSK9 inhibitors;
- Know the diagnostic possibilities, apply clinical findings, and select appropriate evaluations to diagnose and manage patients with infectious disease emergencies; Recognize, treat, and appropriately refer patients with new "emerging" infections which may present to offices of primary care practitioners; Know and apply current guidelines for the appropriate administration of vaccinations in adults; Understand and apply current evidence to prevent infection in inpatient and outpatient settings;
- Understand the mechanisms of anemia and how to identify its many causes and treatment options; Know and apply the most recent published evidence regarding the evaluation and treatment of venous thromboembolism; Understand the mechanisms of elevated cell counts and how to approach their evaluation and treatment; Recognize Idiopathic Cytopenia of Undetermined Significance (ICUS) and know appropriate approaches for evaluation and management; Recognize and manage epiphenomena of Monoclonal Gammopathy of Undetermined Significance (MGUS) in Common Practice;
- Understand, evaluate, manage and appropriately refer patients with rhinosinusitis; Know and apply the latest evidence in the evaluation and management of thyroid nodules; Recognize, evaluate and appropriately refer patients with masses of the neck; Evaluate, treat and appropriately refer patients complaining of dizziness.

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 26.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Provider approved by the California Board of Registered Nursing, Provider Number CEP00105 for 26.25 contact hours.

COURSE FACULTY

RON BEN-ARI, MD, FACP

Course Director
Associate Professor of Clinical Medicine
Associate Dean, CME
Associate Dean, Curriculum
Vice Chair, County Affairs,
General Medicine, USC Department of Medicine

ARSHIA GHAFARI, DO, MA, MBA

Assistant Professor of Clinical Medicine
Medical Director, DaVita-USC Kidney Center
Nephrology, USC Department of Medicine

PAUL D. HOLTOM, MD

Professor of Medicine and Orthopedics
Associate Medical Director for
Regulatory Affairs, LAC+USC Medical Center
Infectious Diseases, USC Department of Medicine

KURT HONG, MD, PhD, FACP

Associate Professor of Clinical Medicine
Executive Director, USC Center for Clinical Nutrition
and Applied Health Research
General Medicine, USC Department of Medicine

GREGORY E. IDOS, MD

Assistant Professor of Clinical Medicine
Colorectal Surgery, Department of Surgery

DENNIS MACERI, MD

Associate Professor of Clinical Otolaryngology
Head & Neck Surgery
Interim Chair, USC Tina and Rick Caruso Department
of Otolaryngology-Head and Neck Surgery

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Medical Director of Anticoagulation Services,
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Jane Anne Nohl Division of Hematology,
USC Department of Medicine

PETER A. SINGER, MD

Professor of Clinical Medicine
Chief, Clinical Endocrinology
Director, USC Thyroid Diagnostic Center
Endocrinology, USC Department of Medicine

CARIN VAN ZYL, MD, FACEP

Assistant Professor of Clinical Medicine
Director of Adult and Pediatric Palliative Care
Palliative Care, USC Department of Medicine

REGISTRATION INFORMATION

Conference Location

Westin Maui Resort and Spa, 2365 Ka'anapali Parkway, Maui, Hawaii 96761

Tuition

Early bird registration closes February 13, 2017 at noon PST.

\$899 Physician

\$799 Allied Health Professional

\$45 Optional printed syllabus. Must be pre-ordered and paid by 2/6/17.

Note: Course proceedings distributed on site on a complimentary flash drive.

Late registration fees after February 13, 2017, noon PST, (phone or fax only).

Onsite registration available from February 27-March 3, 2017.

\$949 Physician

\$849 Allied Health Professional

Optional Guest Breakfast Pass

Daily breakfast at the conference is for paid registered attendees only.

You may purchase breakfast passes for guests if desired: \$200 for each adult and \$100 for each child under age 10.

Cancellation Policy

Registration cancellations must be received by the USC Office of CME (fax or email) by February 13, 2017, 4:00 pm PST for a refund of tuition to be issued. A \$50 cancellation fee will be applied. USC will not refund any travel costs incurred.

In the event of course cancellation by conference organizers, all registration fees will be fully refunded. USC will not refund any travel costs incurred.

Currency

All registration payments must be in U.S. currency.

Register for Course

Mail completed registration form and check payment to:

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

Online: www.usc.edu/cme. Scroll down to 45th Annual Diagnostic & Therapeutic Skills in Internal Medicine.

Phone: (323) 442-2555 or Toll-Free: 1 (800) USC-1119

Email: uscme@usc.edu or Fax: 1 (888) 665-8650

On site: Hana/Kihei Room at the Westin Maui Resort and Spa

TRAVEL ARRANGEMENTS

The 45th Annual Diagnostic & Therapeutic Skills in Internal Medicine conference will be held at the Westin Maui Resort and Spa at Ka'anapali Beach. One of Maui's most popular meeting locations, the Westin is conveniently adjacent to Whaler's Village, with its collection of interesting shops and restaurants. Activities include the elaborate resort swimming pool, tennis, golf at Ka'anapali's two courses and the spa and fitness center.

TRAVEL

Main travel dates: Arrival Saturday, February 25th, and check-out Saturday, March 4th. Rooms may be reserved at the group rate 3 days before and after these dates, subject to availability. For complete travel information and online course registration, please visit **www.uscdiagnostic.com**.

For flight assistance, please contact University Travel. Service fees apply to purchase tickets.

Please note: Booking travel arrangements does not mean you are registered for the course. Register for the course online at www.usc.edu/cme or submit the registration form as directed.

University Travel contact information:

Phone: (800) 821-5094, extension 212 or (818) 563-6113

Email: uscdiagnostic@unitrav.com

Web: www.uscdiagnostic.com

Hours: 9:00 am-5:00 pm, PST, Monday-Friday

University Travel CST registration #1015591-40

HOTEL

USC/Keck Diagnostic Conference Room Rates

Nightly discounted group room rates, single or double occupancy. Room tax of 13.42% added at check-out.

The following room rates are available only for USC/Keck course registrants and companions:

Westin Maui Resort and Spa

Golf/Mountain View: \$320

Ocean View (main tower): \$365

Additionally, a small number of deluxe ocean view rooms are offered in the beach tower section at \$405 per night.

Included exclusives for USC group rate: No resort fee (a value of \$31 per day), includes self-parking, high speed internet access, fitness center admission, resort shuttles to Ka'anapali and Lahaina.

For complete terms, visit www.uscdiagnostic.com. Rates are for one or two persons per room. Children under 18 stay free in the same room when using existing bedding (maximum occupancy is 4 per room). Additional adults are \$85 per night plus tax.

Room Reservations

Rooms may be booked online at www.uscdiagnostic.com. If you prefer to reserve room reservations by telephone, please call Starwood reservations at (808) 921-4645 or (800) 782-9488 and identify the group as USC Diagnostics 2017 at the Westin Maui.

Deposits and Cancellations

A two night deposit (room rate and tax) is required at the time of booking. The deposit is fully refundable until 30 days prior to arrival. Cancellations made after that time are subject to loss of deposit.

RENTAL CAR RESERVATIONS

Please visit www.uscdiagnostic.com for online reservations and specially discounted car rental rates for conference attendees.

Maui's Kahului Airport (OGG) is located 27 miles from the Westin Maui, about 45 minutes by car. Hotel self-parking is included for members traveling on our official group rates.

REGISTRATION FORM

45th Annual USC Diagnostic & Therapeutic Skills in Internal Medicine
at the Westin Maui Resort and Spa, February 27-March 3, 2017

NAME _____

DEGREE _____ MEDICAL LICENSE# _____

TELEPHONE _____ FAX _____

ADDRESS _____

CITY _____ STATE _____

ZIP CODE _____ SPECIALTY _____

EMAIL ADDRESS* _____

INSTITUTIONAL AFFILIATION _____

SPECIAL DIETARY OR PHYSICAL NEEDS _____

* Correspondence and confirmations are sent by email.

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Early bird registration closes February 13, 2017 at noon PST.

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OPTIONAL GUEST BREAKFAST PASS:

Daily breakfast at the conference is for paid registered attendees only.

You purchase a breakfast pass(es) for guest(s) who you would like to accompany you to breakfast at the conference (February 27-March 3 only).

☐ \$200 for each adult ☐ \$100 for each child under age 10

Please provide the names of each guest _____

METHOD OF PAYMENT:

☐ Credit Card (Visa or Mastercard only)

☐ Check (Payable to USC)

Visa/Mastercard # _____

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

Authorized Signature _____ Amount \$ _____

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