The Endocannabinoid System: Clinical Implications for Health Care

The purpose of this conference series is to educate health care professionals and the U.S. public about therapeutic cannabis. In 2000, Patients Out of Time began a long-term series of biennial conferences and this is the seventh in the series. The need for this education is universal to all U.S. states. There has been no formal education concerning therapeutic cannabis applications since the late 1930s. To fill this void, Patients Out of Time has identified the current world-wide cannabis research being conducted and invited the scientists and health care clinicians involved to present their findings at an accredited educational forum. This seventh conference is focusing on the emerging science of the endogenous cannabinoid system (ECS) to help clinicians understand how and why cannabis is safe and effective for such a wide variety of health problems. Leading health care organizations in the United States such as the American Public Health Association, the American Nurses Association, the American College of Physicians, and the American Medical Association have called for more research on medicinal cannabis and the education of their members based on evidence-based practice regarding therapeutic cannabis. Patients Out of Time is proud and honored to be the provider of such education in the U.S.

Educational Objectives

At the end of this educational activity, participants should be able to:

- Summarize the overall role of the endocannabinoid system
- Describe the role of the ECS with neuropathic pain
- Describe the role of the ECS in the regulation of stress, mood and anxiety
- Describe the role of the ECS in addiction
- Identify measures that can enhance the ECS
- List at least 3 symptoms of post traumatic stress for which cannabis has been found to be effective
- List at least 2 nutritional elements found in raw cannabis leaves
- Differentiate between two studied cannabinoids—THC and CBD
- Describe at least 3 potential clinical applications of phytocannabinoids based on animal research
- Assess the clinical implications for your practice related to the emerging science of the ECS
- Question the placement of cannabis in Schedule I of the CSA.
Agenda

Thursday, April 26
7:00 pm Reception and Registration

Friday, April 27
8:00 Welcome and Opening remarks · Al Byrne (POD), Donald Abrams, MD (UCSF)
8:20 Cannabis: Why is it Forbidden? · Mary Lynn Mathre, RN, MSN, Jacki Rickert (Ehlers Danlos, patient)
8:50 Overview of the Endocannabinoid System · Vincenzo DiMauro, PhD
9:30 Care and Feeding of the Endocannabinoid System · John McPortland, DO
10:00 Break
10:20 The ECS and Neuropathic Pain · Andrea Hofmann, PhD
10:50 Cannabis and the Eye · Melanie Kelfy, PhD
11:20 The Use of Cannabis with Glaucoma · Gary Storck (glaucoma patient), Elvy Muskik (federal medical cannabis patient)
11:40 Lunch with speaker
12:00 Lunch with speaker · Raw Cannabis: A Dietary Essential Optimized Through Individualized Phytochemistry (50 minutes) · William Courtney, MD
1:30 The Role of the Endocannabinoid System in the Regulation of Stress, Mood and Anxiety · Matthew Hill, PhD
2:00 The ECS and Addiction · Greg Gerdeman, PhD
2:30 Cannabis as an Exit Drug · Amanda Reiman, PhD, MSW
2:50 Break
3:10 P Webcam and Promising Possibilities with Cannabis and Schizophrenia · Christopher Fichtner, MD
3:30 Research and Education on Cannabis: Update from Canada · Mark Ware, MD
3:50 Q & A
4:30 Day end.
6:00 Patients Out of Time Benefit Dinner

Saturday, April 28
8:00 Opening remarks · Al Byrne, Brian Becker, MD (Arizona Center for Integrative Medicine), Mary Kothan, PhD, RN (University of Arizona College of Nursing)
8:30 Cannabis and Cancer Care · Donald Abrams, MD
9:00 Phytotherapeutics in the Treatment of Breast Cancer and Glioma Cell Cancer · Cristina Sanchez, PhD
9:30 Cannabis Oil and Skin Cancer · Robert Melamede, PhD
10:00 Break
10:20 Empirical Rationales for the Possibility of Cannabis Therapeutics in Post Traumatic Stress · Christopher Fichtner, MD
10:50 Practical Applications of Cannabis for Post Traumatic Stress · Bryan Krunm, RN, CNP
11:20 Clinical Trials of Cannabis Use for Post Traumatic Stress Among Veterans · Yehuda Baruch, MD (invited) and Sue Sidley, MD
12:00 Lunch with speaker · How to Help When There is No Hope (20 minutes) · Vincent Pallazzotto
1:30 The Use of Cannabis for ALS · Greg Carter, MD & Cathy Jordan (patient)
2:00 Can Cannabis Prevent Alzheimer’s Disease? · Gary Storck, PhD
2:30 Q & A
3:00 Break
3:20 Panel: The ECS and Clinical Implications for Healthcare Providers · Clint Werner (Moderator), Andrew Weil, MD, Julie Holland, MD, Mohamed Othman, RN, PhD
4:30 Day end.
4:40 Q & A
4:50 Break
5:00 Patients Out of Time Benefit Dinner

The Seventh National Clinical Conference on Cannabis Therapeutics
The Endocannabinoid System: Clinical Implications for Health Care
(Course #MMJ1206)
April 26-28, 2012 • Loews Ventana Canyon • Tucson, AZ

Registration Form

Name __________________________________________________________
Academic Degree/Title ____________________________________________
Organization/Institution/Company __________________________________
Mailing Address _________________________________________________
City ____________________________________________________________
State _______________________________Zip ___________________________
Fax ______________________________________________________________
E-mail __________________________________________________________

Conference Fees

Physicians $425 $___________________
Nurses, Health Care Professionals, other professionals $315 $___________________
Students, patients, public at large $215 $___________________
Late registration fee (After April 4, 2012) $50 $___________________
Patients Out of Time Benefit Dinner, Friday evening $100 $___________________
Additional Dinner Guest(s) $100 $___________________
TOTAL ENCLOSED $___________________

Exhibitor Registration

See online form at http://medicalcannabis.com/Conference-Registration/exhibitor-form

Accreditation, Disclosures and General Information

Accreditation Statement: This activity has been planned and implemented in accordance with the essential areas and policies for the Accreditation Council for Continuing Medical Education (ACME) through the joint sponsorship of the University of California, San Francisco School of Medicine (UCSF) and Patients Out of Time. UCSF is accredited by the ACME to provide continuing medical education for physicians. Designation Statement: UCSF designates this educational activity for a maximum of 12.75 AMA PRA category 1 credits (TM). Physicians should only claim credit commensurate with the extent of their participation in the activity. Fees for CME credits will be $23.00 per person and collected on site.

Nursing Contact hours provided by The University of Arizona Medical Center Staff Development and Education. Provider approved by The California Board of Registered Nursing, BBN Provider No. CEP 16339 for 12.2 contact hours (22 for Friday and 7 for Saturday).

Advance conference registration is advised since seating shall be limited. Full conference registration fees include all program material and all refreshment breaks.

Disclosure: The educational content of the conference and the selection of the faculty are the responsibility of the course planning committee. All faculty and invited speakers participating in a UCSF sponsored CME activity have disclosed any relevant financial relationships with commercial support entities. All potential conflicts of interest have been resolved in accordance with the ACME’s Updated Standards for Commercial Support.

A variety of dining options include the innovative Flying V Bar and Grill. To get the reduced rate of $599 plus tax (single or double), please reference “the Seventh National Conference on Cannabis Therapeutics” or register online at www.loe shots hotels.com/en/Ventana-Canyon-Resort/GroupPages/PatientsOutOfTime.

Lodging: Attendees are responsible for making their own lodging arrangements. The conference will be held at Loews Ventana Canyon Resort, 7000 North Resort Dr, Tucson, AZ 85750. Phone: 520-299-2520, Fax: 520-299-4351. A breathtaking desert sanctuary located in a lush 100-acre desert garden at the foothills of the magnificent Santa Catalina Mountains, Loews Ventana Canyon Resort captures the spirit, beauty and culture of the Southwest’s Sonoran Desert. Newly renovated guest rooms offer private terraces, breathtaking views of the area and every creature comfort. Resort facilities include two signature 18-hole golf courses, two pools, tennis courts, hiking trails, and par course.

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