7TH INTERNATIONAL CONFERENCE
ADVANCES IN ORTHOPAEDIC OSSEOINTEGRATION

MARCH 12-13, 2017

Marriott Coronado Island Resort & Spa
San Diego, CA, USA

PROGRAM CHAIRS
Rickard Brånemark, MD, PhD, MSc
UCSF iCORES
San Francisco, California, and
CARE Sahlgrenska University Hospital
University of Gothenburg
Gothenburg, Sweden
Anna A. Kulidjian MD, MSc, FRCS
UCSD Orthopaedic Oncology
San Diego, California
Richard J. O’Donnell, MD
UCSF iCORES
San Francisco, California
Rosanna L. Wustrack, MD
UCSF iCORES
San Francisco, California
Now in its sixth decade, the field of osseointegration has evolved from its beginnings in basic science research to clinical applications affecting millions of individuals in dental and other reconstructive areas, including orthopaedic surgery. Oncology, arthroplasty, and traumatology patients have benefitted from this technology. Bone-anchored percutaneous devices have proven to be a paradigm shift in amputee rehabilitation. As prospective human studies are beginning in the United States, advances in bionics, robotics, and neuroprosthetics are being leveraged to more closely approximate normal limb function. In this symposium, we will bring together international experts to explore the current state-of-the-art and to envision the future of osseointegrated innovations across these many disciplines.

TARGET AUDIENCE
Orthopaedic oncology, trauma, and arthroplasty surgeons; Orthopaedic residents; Prosthetists; Veterinary professionals; Basic scientists; Allied health professionals in the fields of reconstructive and rehabilitative medicine; Governmental and industrial stakeholders.

OBJECTIVES
Our diverse presentations will review, share, and expand upon contemporary knowledge so as to achieve competency-based learning for attendees:

- Identify basic, translational, and clinical developments across disciplines in the osseointegration field that may be linked to existing patient care needs.
- Apply knowledge gained in the areas of specialized surgical care and advanced prosthetics to actual patient care scenarios in limb salvage, arthroplasty, trauma, and rehabilitative settings.
- Use knowledge of accepted outcomes measures to assess and compare the utility of existing bone-anchored percutaneous devices to serve as a platform for the rehabilitation of individuals with limb loss and the achievement of normalized bidirectional control of external prostheses.

ACCREDITATION
This activity has been planned and implemented in accordance with the Accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University of California, San Francisco School of Medicine (UCSF) and the Orthopaedic Surgical Osseointegration Society (OSOS). UCSF is accredited by the ACCME to provide continuing medical education for physicians.

Physicians
UCSF designates this live activity for a maximum of 13.50 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency. The approved credits shown above include 9.25 (main course) and 4.25 (wet lab).

Physician Assistants
The American Academy of Physician Assistants (AAPA) accepts courses approved for AMA PRA Category 1 Credit™ as meeting the continuing education requirements for license renewal.

Nursing Credit
For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credit™ issued by organizations accredited by the ACCME.
SUNDAY, MARCH 12, 2017
OSSEointegration: Surgery, prosthetics, and patient care

12:00-12:45 pm Buffet Lunch

12:45-1:00 Welcome and introductory remarks
Richard J. O’Donnell, MD, San Francisco, CA, USA

1:00-5:00 Rotating interactive clinical and laboratory sessions
One-Hour Each

SESSION 1 Compressive osseointegration
Richard J. O’Donnell, MD, San Francisco, CA, USA
Rosanna L. Wustrack, MD, San Francisco, CA, USA
Practical aspects and surgical technique
Saw bone demonstration and hands-on lab
Pitfalls, pearls, and group discussion

SESSION 2 Conventional osseointegration
Rickard Brånemark, MD, PhD, MSc, San Francisco, CA, USA
Practical aspects and surgical technique
Saw bone demonstration and hands-on lab
Pitfalls, pearls, and group discussion

SESSION 3 Patient experience and patient-related outcome measures
Erik Ax, Hyggen, Norway and others
Group Discussion

SESSION 4 Advanced prosthetic workshop
Prosthetic fitting for osseointegration
Powered prosthetics
Advanced robotic control of upper extremity prosthetics

5:00-5:15 Group Discussion
5:15-6:00 pm Refreshments

7th International Conference: Advances in Orthopaedic Osseointegration

Program Chairs and Planning Committee
Richard J. O’Donnell, MD
San Francisco, CA, USA
Rickard Brånemark, MD, PhD, MSc
San Francisco, CA, USA
Gothenburg, Sweden
Rosanna L. Wustrack, MD
San Francisco, CA, USA
Anna L. Kulidjian, MD, MSc, FRCSC
San Diego, CA, USA

COURSE FACULTY
Oskar C. Aszmann, MD
Vienna, Austria
Erik Ax
Hyggen, Norway
Max J. Ortiz Catalán, PhD
Gothenburg, Sweden
Jonathan A. Forsberg, MD, PhD
Bethesda, MD, USA
Matthew Garibaldi, CPO
San Francisco, CA, USA
Hugh Herr, PhD
Cambridge, MA, USA
Todd A. Kuiken, MD, PhD
Chicago, IL, USA
MONDAY, MARCH 13, 2017

6:30-7:15 am  Continental Breakfast

7:15-7:30  Welcome and introductory remarks
Richard J. O’Donnell, MD, San Francisco, CA, USA

SESSION I: Limb salvage reconstruction / Specialized amputation
7:30-9:00  Scientific Abstracts
9:00-9:15  Panel discussion: Osseointegration in limb preservation
9:15-10:00  Keynote address: Advances in amputation surgery and science
Oskar C. Aszmann, MD, Vienna, Austria

10:00-10:15  Morning Break

SESSION II: Osseointegration for patients with amputation
10:15-11:45  Scientific Abstracts
11:45-12:00 pm  State-of-the-art address: Osseointegration update
Rickard Brånemark, MD, PhD, MSc, San Francisco, CA, USA

12:00-1:00  Working Lunch
The Department of Defense Osseointegration Program
Jonathan A. Forsberg, MD, PhD, Bethesda, MD, USA

SESSION III: Advanced terminal devices
1:00-2:00  Scientific Abstracts
2:00-2:30  Targeted muscle reinnervation and control systems
Todd A. Kuiken, MD, PhD, Chicago, IL, USA

2:30-3:00  Powered prosthetics and novel control strategies
Hugh Herr, PhD, Cambridge, MA, USA

3:00-3:15  Afternoon Break

SESSION IV: Bionic control systems
3:15-4:15  Scientific Abstracts
4:15-5:00  Osseointegration as enabler of neural prosthetic control
Max J. Ortiz Catalán, PhD, Gothenburg, Sweden

5:00-5:15 pm  Closing remarks: Orthopaedic osseointegration and the OSOS
Richard J. O’Donnell, MD, San Francisco, CA, USA
The Orthopaedic Surgical Osseointegration Society (OSOS) seeks to foster and promote knowledge amongst health care professionals of the process by which bone attaches to metallic implants used in orthopaedic reconstructions.

For more information or to register online visit our website at cme.ucsf.edu

You may also reach us by calling the Office of CME at (415) 476-4251 or emailing info@ocme.ucsf.edu.

CALL FOR ABSTRACTS
Abstract submission deadline is January 31, 2017. Refer to the website for more details regarding electronic submission of abstracts in English.
MMJ17003

7th International Conference Advances In Orthopaedic Osseointegration
Marriott Coronado Island Resort & Spa

March 12-13, 2017

Mail to: UCSF Office of CME
P.O. Box 45368
San Francisco, CA 94145-0368
Fax: (415) 502-1785

Online registration: cme.ucsf.edu
Registration Information: (415) 476-5808
Course Information: (415) 476-4251

☐ Dr. ☐ Ms. ☐ Mr. ☐ Mrs.

Last Name First M.I.

Degree Specialty

Address

City State Zip

Daytime Phone Fax

Email

Address Label Code Letter (see address label: example, A, B, C, D, etc.)

Would you like to be on our priority email list? ☐ Yes ☐ No

Date of birth to be used as OCME registrant number: _____ / _____ / XX

Please indicate if you have any special needs:

REGISTRATION FEES (Receipt/Confirmation will be mailed within two to four weeks):

MARCH 12: OSSEointegration LAB
$150 MD, DMD, DDS, and AHP, Residents, Military, Governmental

MARCH 13: SCIENTIFIC SESSION
$350 MD, DMD, DDS
$250 AHP, PA’s and Residents
$150 Military, Governmental

Make checks payable to UC Regents

Please charge my credit card: ☐ Visa ☐ MasterCard ☐ AmEx $ _____________

Authorized Signature

Card # __________________________ Expiration date ____________

Name on Card (Please Print) __________________________

Refund Policy: Cancellations received in writing before the first day of the course will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

Please check our website for up to date information on the course at cme.ucsf.edu

Marriott Coronado Island Resort & Spa
2000 Second Street, Coronado, CA, 92118
(619) 435-3000
http://www.marriott.com