International Humanitarian Surgical Skills Course

February 23 – 24, 2019
Li Ka Shing Center for Learning & Knowledge
Stanford, CA

A Continuing Medical Education Conference
Presented by the Center for Innovation in Global Health at the Stanford University School of Medicine.

Sponsored by the Stanford University School of Medicine.
COURSE OVERVIEW

STATEMENT OF NEED

This CME activity will help prepare the International Humanitarian Aid volunteer for delivering health care in a low resource setting for treatment of common surgical and obstetric conditions. In developing and in-crisis countries, the surgical volunteer must truly be a “generalist” and able to handle an array of surgical conditions. This ½ day course will provide an overview of the scope of conditions that one might encounter in resource-limited environments. Through a variety of techniques including skill stations and simulation, participants will familiarize themselves with several relevant procedures, as well as the essential elements of surgical safety, ethics, and cultural considerations required for such settings. Specific skill areas that will be taught are orthopedic dislocations and fracture management with traction pins and external fixation, cesarean sections, post-partum hemorrhage, primary repair of inguinal hernia, wound and burn management, hand cutting of skin grafts and basic skin flaps, emergency burr holes, hysterectomy, uterine evacuations, tendon repairs, tropical medicine for surgical diseases, and low resource anesthetic techniques.

TARGET AUDIENCE

This international course is intended for Physicians and Allied Health Professionals of all specialties interested in humanitarian surgery.

LEARNING OBJECTIVES

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

- Demonstrate the procedural steps for the following:
  - Fracture management
  - Cesarean section
  - Post-partum hemorrhage
  - Treatment of tubal pregnancy
  - Wound/burn management
  - Skin grafts
  - Emergent burr holes
  - Hand injuries
  - Orthopedic dislocations
  - Tendon repairs
  - Low resource anesthetic techniques
  - Management of tropical surgical diseases
  - Intrauterine evacuation
  - Techniques for difficult deliveries and cesarean section
  - Emergency cesarean hysterectomy
  - Primary tissue inguinal hernia repair

- Evaluate the influence of resource factors on surgical decision-making in low resource environments and tailor care to the specific setting

ACCREDITATION

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

CREDIT DESIGNATION

The Stanford University School of Medicine designates this live activity for a maximum of 12.00 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity. The California Board of Registered Nursing recognizes that Continuing Medical Education (CME) is acceptable for meeting RN continuing education requirements as long as the course is certified for AMA PRA Category 1 Credit™ (rn.ca.gov). Nurses will receive a Certificate of Participation following this activity that may be used for license renewal.

FACULTY

All faculty members are from Stanford University School of Medicine unless otherwise noted.

COURSE DIRECTORS

Sherry M. Wren, MD, FACS
- Professor of Surgery, General Surgery

Kay Daniels, MD
- Clinical Professor of Obstetrics & Gynecology—Maternal Fetal Medicine

GUEST FACULTY

Richard Gosselin, MD
- Assistant Clinical Professor, Trauma & Problem Fractures
- University of California San Francisco

Amy Huibonhoa, MD
- Staff Physician, Obstetrics & Gynecology
- Kaiser Permanente San Francisco Medical Center

Leah McNally, MD
- Clinical Instructor, Gynecologic Oncology
- University of California San Francisco

Gaea Moore, MD
- Staff Physician, Maternal Fetal Medicine
- Kaiser Permanente Oakland

Gail L. Rosseau, MD
- Neurosurgeon
- Chicago Institute of Neurosurgery and Neuroresearch
- Elmhurst Memorial Center for Health, Elmhurst, Illinois

STANFORD FACULTY

Susan Anderson, MD
- Adjunct Clinical Associate Professor of Medicine

Raffi Avedian, MD
- Assistant Professor, Orthopedics

Caroline Bowker, MD
- Clinical Professor, Obstetrics & Gynecology

Laura Brodzinsky, MD
- Clinical Associate Professor, Obstetrics & Gynecology—Maternal Fetal Medicine

Kay Daniels, MD
- Clinical Professor, Obstetrics & Gynecology

Roberto Diaz, MD
- Sutter Health Palo Alto Medical Foundation

Paige M. Fox, MD, PhD
- Assistant Professor of Surgery, Plastic and Reconstructive Surgery

Nicholas Giori, MD, PhD
- Associate Professor of Orthopaedic Surgery, Palo Alto Veterans Affairs Health Care System and, by Courtesy, of Mechanical Engineering

Kimberly S. Harney, MD
- Clinical Professor, Obstetrics & Gynecology

Andrew Henkel, MD
- Resident, Obstetrics & Gynecology

Michele Hugin, MD
- Clinical Assistant Professor, Obstetrics & Gynecology—General

Peter Johannet, MD
- Clinical Assistant Professor, Plastic Surgery

Joanne M. Nino, MD
- Clinical Instructor, Obstetrics & Gynecology—General

Ariel Palanca, MD
- Assistant Professor, Orthopedics

Kate Ayers Shaw, MD
- Clinical Assistant Professor, Gynecology—Family Planning

Mark A. Singleton, MD
- Clinical Professor, Anesthesiology, Perioperative and Pain Medicine

David Spain, MD
- Ned and Carol Speiker Endowed Professor, Surgery—General Surgery

Sherry M. Wren, MD, FACS
- Professor of Surgery, General Surgery

FACULTY DISCLOSURE

The Stanford University School of Medicine adheres to ACCME Criteria, Standards and Policies regarding industry support of continuing medical education. Disclosure of faculty and their commercial relationships will be made prior to the activity.

COMMERCIAL SUPPORT ACKNOWLEDGEMENT

This CME activity is supported in part by educational grants and in-kind support. A complete list of commercial supporters will be published in the course syllabus.
PROGRAM

Saturday, February 23, 2019
Li Ka Shing Center for Knowledge

7:30 – 8:00 am
REGISTRATION AND CONTINENTAL BREAKFAST, Room LK120

8:00 – 9:00 am
Introduction, Preparedness, and Case Studies
Sherry M. Wren, MD, FACS

9:00 – 9:45 am
ID and Tropical Medicine for Surgical Care
Susan Anderson, MD

9:45 – 10:30 am
Anesthesia in Low Resource Environments
Mark Singleton, MD

10:30 – 10:45 am
COFFEE BREAK/NETWORKING

10:45 – 11:30 am
Complex Wound Management in Low Resource Environment
Paige M. Fox, MD, PhD

11:30 – 12:15 pm
LUNCH/PARTICIPANT DISCUSSION

1:00 – 1:15 pm
WALK TO CCSR SKILLS LAB

1:30 – 5:15 pm
Skills Stations
Rotation Every 45 Minutes (Total 5 Rotations)

1. Ortho Skills: External Fixation, Traction Pin Placement
   Raffi S. Avedian, MD; Nicholas Giori, MD, PhD; Richard Gosselin, MD; Ariel Palanca MD
   Room 0240

2. Hand Cut Split Thickness Skin Graft, Z-Plasty, Rhomboid Flap
   Paige M. Fox, MD, PhD
   Room 0245

3. Tendon Repair
   Roberto Diaz, MD; Peter Johannet, MD
   Room 0237

4. Low Resource Inguinal Hernia Repair
   David Spain, MD
   Room 0236

5. Craniotomy
   Gail L. Rosseau, MD
   Room 0246

5:15 pm
ADJOURN

Sunday, February 24, 2019
Center for Clinical Sciences Research Bio Skills Lab

7:30 – 7:45 am
CONTINENTAL BREAKFAST/NETWORKING, CCSR Room 4105 A

7:45 – 8:00 am
Orientation OB-GYN in Low Resource Settings
Kay Daniels, MD

8:00 – 8:15 am
WALK TO CCSR SKILLS LAB

Skills Stations
Rotation Every 45 Minutes (Total 5 Rotations)

8:15 – 12:00 pm
1. Abortion/Septic/D&C
   Andrea Henkel, MD; Kate Shaw, MD
   Room 0237

2a. Postpartum Hemorrhage: B-lynch, Intrauterine Tamponade Devices
    Laura Brodzinsky, MD; Michele Hugin, MD; Joanne M. Nino, MD

2b. Ectopic Pregnancy/Tubal Surgery
    Amy Huibonhoa, MD
    Room 0240

3. C-Section Delivery Techniques for Fetal Malposition-Breech, Impacted Head, Transverse Lie
   Caroline Bowker, MD; Kimberly S. Harney, MD; Gaea Moore, MD
   Room 0236

4. C Hysterectomy Key Points
    Leah McNally, MD
    Room 0235

5. C section Video
    Kay Daniels, MD
    Room 0236

12:00 pm
ADJOURN
REGISTRATION

Registration fee includes course materials, certificate of participation, breakfast and lunch.

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<th>ATTENDEE TYPE</th>
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<tr>
<td>Physicians</td>
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<td>Nurses and Allied Health Professionals</td>
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Register online with Visa or Master Card by visiting cme.stanford.edu/humanitarian.

If you prefer to pay by check or need assistance, please call (650) 497-8554 or email stanfordcme@stanford.edu. Be sure to register with an email address that you check frequently. Your email address is used for critical information, including registration confirmation, evaluation, and certificate.

CANCELLATION POLICY

Cancellations received in writing no less than 30 days before the course will be refunded, less a 20% administrative fee. No refunds will be made on cancellations received after that date. Please send cancellation requests to stanfordcme@stanford.edu.

Stanford University School of Medicine reserves the right to cancel this program; in the event of cancellation, course fees will be fully refunded.

CONFERENCE LOCATION

Li Ka Shing Center for Learning & Knowledge
291 Campus Drive
First Floor, LK 120
Stanford CA 94305-5101

Web: conferencecenter.stanford.edu

NEARBY HOTELS

Sheraton Palo Alto Hotel (650) 328-2800
625 El Camino Real Palo Alto, California 94301

The Westin Palo Alto (650) 321-4422
675 El Camino Real Palo Alto, California 94301

Please contact the hotel directly to secure a reservation.

Additional hotel options:
http://visit.stanford.edu/plan/lodging

VISITING STANFORD UNIVERSITY

To learn more about traveling to Stanford University, please browse visit.stanford.edu.

CONTACT INFORMATION

For questions about the symposium, please contact Debbie Aube, CME Conference Coordinator at (650) 724-5318 or debaube@stanford.edu

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ACCESSIBILITY STATEMENT

Stanford University School of Medicine is committed to ensuring that its programs, services, goods and facilities are accessible to individuals with disabilities as specified under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Amendments Act of 2008. If you have needs that require special accommodations, including dietary concerns, please contact the CME Conference Coordinator.

Please register early—space is limited! Register online at cme.stanford.edu/humanitarian