

SEPTEMBER (28) 29 - OCTOBER 1, 2022

16th ANNUAL INTERNATIONAL SAN FRANCISCO

# Orthopaedic Trauma Course

InterContinental Hotel | San Francisco, CA

## CHAIRS

**Theodore Miclau, III, MD**

Professor and Vice Chairman  
UCSF Department of Orthopaedic Surgery

**Amir Matityahu, MD**

Professor of Orthopaedics  
UCSF Department of Orthopaedic Surgery

**PRE-COURSE:**  
Wednesday, September 28th  
Case Reviews in Trauma  
CME Credit

**HIGHLIGHTS**  
CME Credit  
15 Workshops  
Nursing Workshops  
Welcome Reception

  
Orthopaedic Trauma Institute

## 2022 PRE-COURSE CASE REVIEWS IN TRAUMA

### OVERVIEW

Experts will review current concepts in orthopaedic trauma, including the management of polytrauma and complex fractures, through case reviews and group discussions.

### EDUCATIONAL OBJECTIVES

At the conclusion of this educational activity, the participants should possess greater familiarity with current treatment trends and opinions in orthopaedic trauma that can be applied readily to their clinical practice.

### WEDNESDAY, SEPTEMBER 28, 2022

7:30-8:00 am *Registration / Continental Breakfast*

#### CASE PRESENTATIONS: LOWER EXTREMITY

**Moderator:** Amir Matityahu, MD

8:00-8:10 am *Welcome*

8:10-12:00 pm *Participant and Faculty Cases*  
 Panel: *Panel: S. Morshed / V. de Ridder / C. Krettek / H. Elsevier / A. El Naga*

12:00-1:00 pm *Lunch / Registration*

#### CASE PRESENTATIONS: UPPER EXTREMITY

**Moderator:** Utku Kandemir, MD

1:00-1:10 pm *Welcome*

1:10-4:30 pm *Participant and Faculty Cases*  
 Panel: *Panel: J. Tangtiphaiboonatana / V. de Ridder / M. Terry / L. Cardon / H. Elsevier*

4:30 pm *Adjourn*

### NURSING TRACK (SIMULTANEOUS TO MAIN COURSE WORKSHOPS)

### THURSDAY, SEPTEMBER 29, 2022

#### Nursing Workshop 1: Diagnosis to Treatment: Common Lower Extremity Fractures

9:50-10:30 am *Hip* *Steven Olson, MD*  
 10:40-11:20 am *Knee* *Victor de Ridder, MD*  
 11:30-12:10 pm *Ankle/Foot* *Shepard Hurwitz, MD*

#### Nursing Workshop 2: Diagnosis to Treatment: Common Upper Extremity Fractures

2:40-3:20 pm *Shoulder* *Utku Kandemir, MD*  
 3:30-4:10 pm *Elbow* *Jennifer Tangtiphaiboonatana, MD*  
 4:20-5:00 pm *Wrist* *Lamont Cardon, MD*

### FRIDAY, SEPTEMBER 30, 2022

#### Nursing Workshop 3: Post-Operative Management: Avoiding Complications

10:10-10:50 am *Pain Control* *Arthur Woods, MD*  
 11:00-11:40 am *Wound Management* *Michael Terry, MD*  
 11:50-12:30 pm *Arthrofibrosis* *Paul Toogood, MD*

#### Nursing Workshop 4: Rehabilitation

2:50-3:30 pm *Clinical Presentations and Work up of Traumatic Nerve Injuries* *Karina del Rosario, MD*  
 3:40-4:20 pm *Rehabilitative Care: Current Concepts* *Lisa Pascual, MD*  
 4:30-5:10 pm *Injection Therapy: Indications and Expectations* *Masato Nagao, MD*

### SATURDAY, OCTOBER 1, 2022

#### Nursing Workshop 5: Post-surgical Care

10:35-11:15 am *Wound Care: What Adjuncts Are Available on the Market?* *Charles Parks, DPM / Monara Dini, DPM*  
 11:25-12:05 pm *Orthotics: Commonly Used Upper / Lower Extremity Braces* *Nicole Henry, CPO*  
 12:15-12:55 pm *Prosthetics: Management Post-Amputation* *Aarti Deshpande, CPO*

### All Course Details

Please scan the QR code or visit our website directly <https://orthosurgery.ucsf.edu/education/programs/Annual-International-San-Francisco-Orthopaedic-Trauma-Course> to see all course details including lodging, program and to register:

Pre-course led by faculty from:



### ACCREDITATION

The University of California, San Francisco (UCSF) School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

#### Physicians

UCSF designates this live activity for a maximum of 37 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The approved credits shown are inclusive of 29.75 credits for the main course and 7.25 credits for the Case Reviews in Trauma course toward satisfying the American College of Surgeons Committee on Trauma requirement for trauma-related continuing medical education.

#### Physician Assistants

PAs may claim a maximum of 29.75 Category 1 credits for completing this activity. NCCPA accepts AMA PRA Category 1 Credit™ from organizations accredited by ACCME or a recognized state medical society. AAPA accepts category 1 credit from AOACCME, Prescribed credit from AAFP, and AMA PRA Category 1 Credit™ from organizations accredited by the ACCME.

#### 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.

#### ACKNOWLEDGMENT OF COMMERCIAL SUPPORT

Educational Grants/ In-Kind Donations

DePuy Synthes

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Skeletal Dynamics

Stryker Trauma



# Orthopaedic Trauma Course Faculty

SEPTEMBER (28) 29 – OCTOBER 1, 2022 • INTERCONTINENTAL HOTEL • SF, CA

## COURSE CHAIRS

### Theodore Miclau, III, MD

Professor and Vice Chairman  
Department of Orthopaedic Surgery  
Director of Orthopaedic Trauma  
University of California, San Francisco  
Chief, Orthopaedic Surgery  
Zuckerberg San Francisco General

### Amir Matiyahu, MD

Professor of Orthopaedics  
Department of Orthopaedic Surgery,  
University of California, San Francisco  
Zuckerberg San Francisco General  
Chair, Department of Surgery  
Regional Medical Center of San Jose

## ORTHOPAEDIC TRAUMA INSTITUTE (OTI)

Department of Orthopaedic Surgery, UCSF  
Zuckerberg San Francisco General

### Chelsea Bahney, PhD

Associate Adjunct Professor

### Christine Bub, MD

Clinical Instructor

### R. Richard Coughlin, MD

Clinical Professor Emeritus

### Karina Del Rosario, MD

Assistant Clinical Professor

### Aarti Deshpande, CPO

Clinical Manager  
ZSFG Orthotics & Prosthetics Center

### Tony Ding, MD

Assistant Clinical Professor

### Monara Dini, DPM

Associate Clinical Professor

### Ashraf El Naga, MD

Assistant Clinical Professor  
Director, Spine Services

### Hannah Elsevier, MD

Assistant Clinical Professor

### David Gendelberg, MD

Assistant Clinical Professor

### Nicole Henry, CPO

Clinical Manager  
ZSFG Orthotics & Prosthetics Center

### Utku Kandemir, MD

Clinical Professor  
Director, Sports Medicine Service

### Ralph Marcucio, PhD

Director  
Laboratory for Skeletal Regeneration

### R. Trigg McClellan, MD

Clinical Professor Emeritus

### Saam Morshed, MD, PhD

Professor In Residence  
Director, Clinical Research

### Masato Nagao, MD, PhD

Clinical Professor

### Charles Parks, DPM

Associate Clinical Professor

### Lisa U. Pascual, MD

Associate Clinical Professor  
Chief, Rehabilitation Services

### Lenny Radomski, MD

Clinical Instructor

### David Shearer, MD

Associate Professor In Residence

### Suzanne Tabbaa, PhD

Assistant Adjunct Professor

### Jennifer Tangtiphaibontana, MD

Assistant Clinical Professor

### Paul Toogood, MD

Associate Professor In Residence

## UNIVERSITY OF CALIFORNIA, SAN FRANCISCO SCHOOL OF MEDICINE

### Mohammad Diab, MD

Professor  
Department of Orthopaedic Surgery  
Vice Chair, Pediatric Clinical Operations

### Starr Knight, MD

Associate Clinical Professor  
Department of Emergency Medicine

### Kristin Livingston, MD

Associate Clinical Professor  
Department of Orthopaedic Surgery  
Benioff Children Hospital Oakland

### Coleen Sabatini, MD

Associate Professor  
Department of Orthopaedic Surgery  
Benioff Children's Hospital Oakland

### Sanjeev Sabharwal, MD

Clinical Professor  
Department of Orthopaedic Surgery  
Benioff Children's Hospital Oakland

### Michael J. Terry, MD

Associate Professor of Surgery  
Department of Surgery  
Division of Plastic and  
Reconstructive Surgery  
Zuckerberg San Francisco General

### Arthur Wood, MD

Associate Professor  
Department of Anesthesia  
Zuckerberg San Francisco General

## DISTINGUISHED GUEST FACULTY

### Thomas C. Barber, MD

Associate Deputy Physician-in-Chief  
Operating Room and PeriOp Services  
Department of Orthopaedic Surgery  
Memorial Sloan Kettering  
Cancer Center  
New York, NY

### Joseph Borrelli, Jr., MD

BayCare Medical Group  
Tampa, Florida

### Timothy Bray, MD

Associate  
Reno Orthopaedic Clinic  
Clinical Professor  
University of California, Davis  
Reno, Nevada

### Lamont Cardon, MD

Assistant Clinical Professor  
Department of Orthopaedic Surgery  
University of California, San Francisco  
Alta Bates Hospital  
Berkeley, California

### Niloofer Dehghan, MD

Assistant Professor  
Department of Orthopaedic Surgery  
University of Arizona  
College of Medicine  
Phoenix, AZ

### Kyle F. Dickson, MD, MBA

Professor  
Department of Orthopaedic Surgery  
Baylor University  
Houston, TX

### Shepard R. Hurwitz, MD

Professor  
Department of Orthopaedic Surgery  
University of North Carolina,  
School of Medicine  
Chapel Hill, NC

## DISTINGUISHED GUEST FACULTY (CONT'D)

### David Lowenberg, MD

Clinical Professor  
Department of Orthopaedic Surgery  
Stanford Medical Center  
Palo Alto, CA

### Michael D. McKee, MD

Professor and Chairman  
Department of Orthopaedic Surgery  
University of Arizona  
College of Medicine  
Phoenix, AZ

### Steven A. Olson, MD

Professor  
Department of Orthopaedic Surgery  
Chief, Orthopaedic Trauma Service  
Duke University Medical Center  
Durham, NC  
Assistant Clinical Professor

### Andrew H. Schmidt, MD

Professor  
Department of Orthopaedic Surgery  
University of Minnesota  
Chief, Orthopaedic Surgery  
Hennepin County Medical Center  
Minneapolis, MN

### Paul Tornetta, III, MD

Professor and Chairman  
Department of Orthopaedic Surgery  
Boston University School of Medicine  
Chief, Orthopaedic Trauma Service  
Boston Medical Center  
Boston, MA

### Donald Wiss, MD

Clinical Professor  
Department of Orthopaedic Surgery  
Cedars-Sinai Medical Center  
Los Angeles, CA

## DISTINGUISHED INTERNATIONAL GUEST FACULTY

### Edward J. Harvey, MD, MSc, FRCS

Professor  
Department of Surgery  
Division of Adult Orthopaedics  
McGill University  
Montreal, Quebec, Canada

### Fernando de la Huerta, MD

Past Chairman, Orthopaedic Division  
Hospital de Especialidades,  
Instituto Mexicano del Seguro Social  
Guadalajara, Mexico

### Christian Krettek, MD

Professor and Chairman  
Trauma Department  
Hannover Medical School  
Hannover, Germany

### Victor de Ridder, MD

Professor Emergency Care and Logistics  
Trauma and Pediatric Trauma  
University Medical Center Utrecht  
Utrecht, Netherlands  
Department of Orthopaedic Surgery  
Benioff Children's Hospital Oakland

### Emil Schemitsch, MD

Professor and Chairman  
Department of Orthopaedic Surgery  
University of Western Ontario  
London, Ontario, Canada

**THURSDAY, SEPTEMBER 29, 2022**

7:00-7:20 am	Registration / Continental Breakfast / Visit Exhibits	
7:20-7:40 am	Welcome: SF Orthopaedic Trauma Course	Theodore Miclau, MD
7:40-7:50 am	Orthopaedic Trauma Association: Directions	Michael McKee, MD
7:50-8:00 am	Board Certification: What's New in 2022	Shepard Hurwitz, MD

**UPPER EXTREMITY Moderator: Michael McKee, MD**

8:00-8:10 am	Rib Fractures: Is There a Consensus Opinion on Management?	Niloofer Dehghan, MD
8:10-8:20 am	Clavicle Mal- and Non-Unions: When and How to Fix?	Michael McKee, MD
8:20-8:30 am	Glenoid Fractures: Surgical Indications and Approaches	Utku Kandemir, MD
8:30-8:40 am	Proximal Humerus Fractures: Which Ones Should be Fixed?	Paul Tornetta, MD
8:40-8:50 am	Complex Elbow Injuries: Algorithmic Management	J. Tangtiphaibontana, MD
8:50-9:00 am	Distal Radius Fractures: Surgical Indications, Timing and Approaches	Tony Ding, MD
9:00-9:15 am	VIDEO: Proximal Humerus Fractures: Case-based Exposures	Utku Kandemir, MD
9:15-9:35 am	Panel Discussion	Faculty
9:35-9:50 am	Break / Visit Exhibits / Travel to Workshops	

**Hands-on Workshops with Rotating Sessions: Upper Extremity**

**Workshop 1:** Proximal Humerus Fractures: Fixation Strategies  
M. McKee (Leader) / E. Schemitsch / K. Dickson / D. Shearer

**Workshop 2:** Upper Extremity Fractures: Case Reviews  
T. Ding (Leader) / N. Dehghan / E. Harvey / L. Cardon / M. Terry

**Workshop 3:** Distal Humerus Fractures: Intraarticular Extensions  
U. Kandemir (Leader) / J. Tangtiphaibontana / P. Toogood / A. Schmidt

	<b>Workshop 1</b>	<b>Workshop 2</b>	<b>Workshop 3</b>
9:50-10:30 am	Group A	Group B	Group C
10:40-11:20 am	Group B	Group C	Group A
11:30-12:10 pm	Group C	Group A	Group B

12:10-1:00 pm	Lunch Symposium / Visit Exhibits Total Joint Arthroplasty for Intraarticular Fractures Introduction: J. Borrelli Lecturers: M. McKee / E. Schemitsch / A. Schmidt / K. Dickson / U. Kandemir
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**HIP AND FEMUR Moderator: Paul Tornetta, MD**

1:00-1:10 pm	Femoral Head Fractures: When to Fix or Replace	Kyle Dickson, MD
1:10-1:20 pm	Femoral Neck Fractures in Young Adults: Do Timing or Visualization Matter?	Paul Tornetta, MD
1:20-1:30 pm	Proximal Femur Fracture Fixation: Challenges and Solutions	Christian Krettek, MD
1:30-1:40 pm	Replacement for Hip Fracture: THR or Bipolar or Unipolar — Is One Better?	Emil Schemitsch, MD
1:40-1:50 pm	Subtrochanteric Fractures: Avoiding Malreductions	Amir Matiyahu, MD
1:50-2:05 pm	VIDEO: Femoral Neck Fractures: Case-based Exposures	Paul Toogood, MD
2:05-2:25 pm	Panel Discussion	Faculty
2:25-2:40 pm	Break / Visit Exhibits / Travel to Workshops	

**Hands-on Workshops with Rotating Sessions: General Trauma**

**Workshop 1:** Femoral Shaft Fractures: New Fixation Technologies  
D. Lowenberg (Leader) / J. Borrelli / N. Dehghan / A. El Naga / H. Elsevier

**Workshop 2:** Intraoperative Imaging: Tips and Tricks  
A. Matiyahu (Co-Leader) / C. Krettek (Co-Leader) / V. de Ridder / S. Olson / D. Gendelberg

**Workshop 3:** Periprosthetic Fractures: Fixation Approaches  
E. Schemitsch (Leader) / T. Barber / A. Schmidt / F. de la Huerta / P. Toogood

	<b>Workshop 1</b>	<b>Workshop 2</b>	<b>Workshop 3</b>
2:40-3:20 pm	Group A	Group B	Group C
3:30-4:10 pm	Group B	Group C	Group A
4:20-5:00 pm	Group C	Group A	Group B

5:00-5:10 pm	Break / Visit Exhibits / Travel to Lectures
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**GERIATRIC FRACTURES Moderator: Kyle Dickson, MD**

5:10-5:20 pm	Proximal Humerus Fractures: Techniques to Improve Fixation Stability	J. Tangtiphaibontana, MD
5:20-5:30 pm	Osteoporotic Pelvic Fractures: When to Stabilize and How Much Fixation is Enough?	Paul Tornetta, MD
5:30-5:40 pm	Operative Fixation of Acetabular Fractures: What Outcome Should be Expected?	Steven Olson, MD
5:40-5:50 pm	Hip Fracture Augmentation: Indications and Techniques	Emil Schemitsch, MD
5:50-6:00 pm	Periarticular Fractures in Osteoporotic Patients: Weightbearing Recommendations	Niloofer Dehghan, MD
6:00-6:20 pm	Panel Discussion	Faculty
6:20-6:25 pm	Raffle / Adjourn	
6:30-8:00 pm	Welcome Reception (Open to All Attendees)	

## FRIDAY, SEPTEMBER 30, 2022

7:00-7:25 am	Continental Breakfast / Visit Exhibits	
7:20-7:25 am	Welcome	Theodore Miclau, MD
<b>PELVIS/ACETABULUM</b>	<b>Moderator: Melvin Rosenwasser, MD</b>	
7:25-7:35 am	Diagnosing and Managing Acute Pelvic Instability	Steven Olson, MD
7:35-7:55 am	Percutaneous Screw Placement: Determining Safe Corridors	
7:35-7:45 am	Pelvis	Paul Toogood, MD
7:45-7:55 am	Acetabulum	Saam Morshed, MD
7:55-8:05 am	Minimizing Blood Loss: TXA and Cell Saver	Kyle Dickson, MD
8:05-8:20 am	VIDEO: Acetabular Fractures: Case-based Approaches	Amir Matiyahu, MD
8:20-8:40 am	Panel Discussion	Faculty
<b>KNEE/TIBIA</b>	<b>Moderator: Edward Harvey, MD</b>	
8:40-8:50 am	Distal Femur Fractures: Nail, Plate, or Both?	David Shearer, MD
8:50-9:00 am	Intraarticular Distal Femur Fractures: Managing Articular Defects	Christian Krettek, MD
9:00-9:10 am	Lower Extremity Soft Tissue Coverage: Best Choices	Michael Terry, MD
9:10-9:20 am	Compartment Syndrome Management: What is the State of the Art?	Andrew Schmidt, MD
9:20-9:35 am	VIDEO: Tibial Plateau Fractures: Case-based Approaches	David Shearer, MD
9:35-9:55 am	Panel Discussion	Faculty
9:55-10:10 am	Break / Visit Exhibits / Travel to Workshops	

### Hands-on Workshops with Rotating Sessions: Tibia Fractures

	<b>Workshop 1:</b> Distal Tibia Shaft Fractures: Nailing Techniques <i>U. Kandemir (Leader) / J. Ficke / J. Borrelli / T. Bray / D. Shearer</i>	
	<b>Workshop 2:</b> Compartment Syndrome: Diagnostic Solutions <i>E. Harvey (Leader) / A. Schmidt / M. McKee / J. Tangiphaiboontana / S. Hurwitz</i>	
	<b>Workshop 3:</b> Distal Femur Fracture Fixation: Retrograde Approaches <i>J. Borrelli (Leader) / C. Krettek / S. Olson / A. El Naga / S. Morshed</i>	
	<b>Workshop 1</b>	<b>Workshop 2</b>
10:10-10:50 am	Group A	Group B
11:00-11:40 am	Group B	Group C
11:50-12:30 pm	Group C	Group A

12:30-1:20 pm	Lunch Symposium / Visit Exhibits There is No Shortage of Time Of Time Only A Confusion of Priorities Introduction: <i>Theodore Miclau, MD</i> Lecturer: <i>Donald Wiss, MD</i>	
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### PHYSICIAN WELLNESS Moderator: Donald Wiss, MD

1:20-1:30 pm	Physician Wellness: Strategies to Avoid Burnout	Starr Knight, MD
1:30-1:40 pm	Moral Injury: How to Recognize and Address	Michael McKee, MD
1:40-1:50 pm	Managing Work and Life Stressors in Orthopaedic Trauma	Timothy Bray, MD
1:50-2:00 pm	Navigating the EMR: Balancing Optimal Care and Virtual Physician Accessibility	Thomas Barber, MD
2:00-2:10 pm	Diversity, Equity, and Inclusion: How Can I Best Support It?	Coleen Sabatini, MD
2:10-2:20 pm	International Orthopaedics: Providing Meaning and Balance	Richard Coughlin, MD
2:20-2:40 pm	Panel Discussion	Faculty
2:40-2:55 pm	Break / Visit Exhibits / Travel to Workshops	

### Hands-on Workshops with Rotating Sessions: Traumatic Injury Management

	<b>Workshop 1:</b> Pilon Fractures <i>D. Shearer (Leader) / J. Ficke / R. Coughlin / S. Hurwitz / L. Radomski</i>	
	<b>Workshop 2:</b> Complex Lower Extremity Fractures: Case Reviews <i>S. Morshed (Leader) / J. Borrelli / K. Dickson / C. Krettek / D. Wiss</i>	
	<b>Workshop 3:</b> Cerclage Techniques: Tips and Tricks <i>A. Matiyahu (Leader) / A. Schmidt / T. Barber / T. McClellan / C. Bub</i>	
	<b>Workshop 1</b>	<b>Workshop 2</b>
2:55-3:35 pm	Group A	Group B
3:45-4:25 pm	Group B	Group C
4:35-5:15 pm	Group C	Group A

5:15-5:25 pm	Break / Visit Exhibits / Travel to Lectures	
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### BIOLOGICS: OPTIMIZATION OF FRACTURE HEALING Moderator: Andrew Schmidt, MD

5:25-5:35 pm	Gap Defects: Limb lengthening or Induced Membrane Technique	Fernando de la Huerta, MD
5:35-5:45 pm	Bone Healing: Are There Any Growth Factors on the Horizon?	Ralph Marcucio, MD
5:45-5:55 pm	Bone Marrow Aspirate Stem Cell Concentrate (BMAC): Could it be Effective?	Suzanne Tabbaa, PhD
5:55-6:05 pm	Mesenchymal Stem Cells: What Should the Clinician Know?	Chelsea Bahney, PhD
6:05-6:15 pm	Bone Growth Adjuncts: Electrical Stimulation and Ultrasound	Andrew Schmidt, MD
6:15-6:30 pm	Panel Discussion	Faculty
6:30 pm	Adjourn	

## SATURDAY, OCTOBER 1, 2022

7:00-7:25 am

Continental Breakfast / Visit Exhibits

7:25-7:30 am

Welcome

Theodore Miclau, MD

### FOOT/ANKLE Moderator: James Ficke, MD

7:30-7:40 am

Pilon Fractures: Timing and Initial Treatment

Paul Toogood, MD

7:40-7:50 am

Malleolar Fractures: Avoiding Malreduction

Shephard Hurwitz, MD

7:50-8:00 am

Syndesmotic Fixation: Suture Anchors or Screws?

David Shearer, MD

8:00-8:10 am

Current Treatment of Talus Fractures with Dome Defects

James Ficke, MD

8:10-8:20 am

Complex Midfoot Injuries: Management Principles

James Ficke, MD

8:20-8:35 am

VIDEO: Calcaneus fractures: Case-based Approaches

David Shearer, MD

8:35-8:55 am

Panel Discussion

Faculty

### TRAUMA TOPICS: GENERAL Moderator: Joseph Borrelli, MD

8:55-9:05 am

COVID 19 Pandemic: What Has It's Long-Term Effects Been on Medical Practice?

James Ficke, MD

9:05-9:15 am

Post-fracture Pain Management: Non-Opioid Solutions

Arthur Wood, MD

9:15-9:25 am

Multiply Injured Patients: Stabilizing Fractures and Transferring Patients

J. Tangtiphaiboonatana, MD

9:25-9:35 am

Polytrauma Patients: When is it Safe to Operate?

Saam Morshed, MD

9:35-9:45 am

Staged Treatment of Multiple Fractures: What Is the Proper Sequence?

Steven Olson, MD

9:45-9:55 am

Business of Orthopaedic Trauma: What Your Hospital Should Know

Timothy Bray, MD

9:55-10:15 am

Panel Discussion

Faculty

10:15-10:35 am

Break / Visit Exhibits/ Travel to Workshops

### Hands-on Workshops with Rotating Sessions: Post-traumatic Reconstruction

**Workshop 1:** Fracture Related Infections: Acute Management

J. Borrelli (Leader) / A. Schmidt / J. Ficke / D. Shearer / P. Toogood

**Workshop 2:** Malunion Deformity Correction: Case Reviews

D. Lowenberg (Co-Leader) / S. Sabharwal (Co-Leader) / F. de la Huerta / S. Morshed / U. Kandemir

**Workshop 3:** Revision Surgery Decision Making: Case Reviews

T. Bray (Leader) / C. Krettek / K. Dickson / M. Terry / D. Wiss

10:35-11:15 am

**Workshop 1**  
Group A

**Workshop 2**  
Group B

**Workshop 3**  
Group C

11:25-12:05 pm

Group B

Group C

Group A

12:15-12:55 pm

Group C

Group A

Group B

12:55-1:55 pm

Lunch Symposium / Visit Exhibits

Reflections On Extremity Non-Unions: A Single Surgeon Experience In 627 cases

Introduction: Theodore Miclau, MD

Lecturer: Donald Wiss, MD

### PEDIATRICS Moderator: Mohammad Diab, MD

1:55-2:05 pm

Adolescent Forearm Fractures - To Cast or Operate?

Mohammad Diab, MD

2:05-2:15 pm

Pediatric Supracondylar Humerus Fractures: What is the State of the Art?

Kristin Livingston, MD

2:15-2:25 pm

Pediatric Pelvic Fractures: Which Ones Need Surgery

Victor de Ridder, MD

2:25-2:35 pm

Post-Traumatic Deformity in Kids — Growth Modulation vs. Osteotomy

Sanjeev Sabharwal, MD

2:35-2:45 pm

Pediatric Compartment Syndrome: How is It Different from the Adult Condition?

Kristin Livingston, MD

2:45-3:00 pm

Panel Discussion

Faculty

### SPINE/REHABILITATION Moderator: Saam Morshed, MD

3:00-3:10 pm

Cervical Spine Injuries: What Should I Know?

David Gendelberg, MD

3:10-3:20 pm

Lumbopelvic Dissociations: Recognition and Recommendations

Ashraf El Naga, MD

3:20-3:30 pm

Spinal Cord Injuries: 'Ultra-early' Intervention

Lisa Pascual, MD

3:30-3:40 pm

Peripheral Nerve Injuries: Diagnosis and Outcomes

Karina Del Rosario, MD

3:40-4:00 pm

Discussion

Faculty

4:00-4:15 pm

Course Summary/Raffle

Theodore Miclau, MD

4:15 pm

Adjourn

**WATCH IT NOW! NEW TO THE COURSE?** Has it been awhile since you have attended? Please watch what our course is all about at our online video library. Open YouTube and search for 'Annual Trauma Course Video Series' on the Orthopaedic Trauma Institute channel.





1342  
**Orthopaedic Trauma Institute**  
 ATTN: Erin Simon  
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 San Francisco, CA 94110  
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**REGISTER TODAY!**

You may REGISTER directly by logging onto [cme.ucsf.edu](http://cme.ucsf.edu)  
 For QUESTIONS and EXHIBITOR INFORMATION, contact  
 Erin Simon - Director, OTI Courses and Events, Orthopaedic Trauma  
 Institute | [erin.simon@ucsf.edu](mailto:erin.simon@ucsf.edu). The syllabus will be available only  
 via the Orthopaedic Trauma Course website.

<http://www.ortho-trauma.com>

**CONNECT WITH OTI!**  
<http://www.ortho-trauma.com>



**2022 ORTHOPAEDIC TRAUMA COURSE • SEPTEMBER (28) 29 – OCTOBER 1, 2022**

**COURSE OVERVIEW**

Learn new and evolving concepts in trauma and fracture management through didactic lectures, case presentations, and hands-on practice with the latest implants from international leaders in the field of orthopaedic traumatology. This course is of substantial value in the preparation for board and recertification examinations.

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**EDUCATIONAL OBJECTIVES**

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

- Review orthopaedic trauma principles.
- Improve skills and assess advancements in surgical techniques through hands-on plating, external fixation, and intramedullary nailing methodology.
- Apply technological advancements that can be brought readily to the clinical setting of orthopaedic trauma care, including osteobiologics and instrumentation.

**HOTEL AND GENERAL INFORMATION**

Throughout the course there will be opportunities to tour the Orthopaedic Trauma Institute. The OTI includes the surgical training facility, expanded conference rooms, research laboratories, and academic offices. All are under one roof at the Zuckerberg San Francisco General. Tour reservations can be made at the course registration desk.

**Special Discounted Hotel Room Rates:** For guests who book by September 5, 2022, they will receive a discounted rate of \$299.00 per room, per night. After September 5, 2022, guests will receive the group rate based only on availability – rooms book quickly!

For call in reservations have your guests call 1-866-781-2364 and request a reservation for the group UCSF ZSFG San Francisco Orthopedic 2022 or using the Group Code: CG1.

For questions about these rates or alternative housing please contact [erin.simon@ucsf.edu](mailto:erin.simon@ucsf.edu).

By staying at the host hotel, you help UCSF meet its contractual obligations and keep future registration fees reasonable. Please take this into consideration when making your accommodation decisions.

# Orthopaedic Trauma Course

September (28) 29– October 1, 2022 • InterContinental Hotel, San Francisco

Mail to : UCSF Office of CME, Box 0742  
490 Illinois Street, Floor 8  
San Francisco, CA 94143  
Fax: 415-476-0318

Online: cme.ucsf.edu  
Registration Information: (415) 476-4251  
Course Information: (415) 999-9123  
erin.simon@ucsf.edu

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 e-mail list?  Yes  No

Date of birth to be used as OCME registrant number: \_\_\_\_ / \_\_\_\_ / X X  
Month Day

Please indicate if you have any special needs: \_\_\_\_\_

### REGISTRATION

(MMC23010 September 29-October 1, 2022)

Physicians  \$745 On or Before 7/15/22  
 \$845 After 7/15/22

#### Industry Professionals

\$745 On or Before 7/15/22  
 \$845 After 7/15/22

#### PA's and Allied Health Professionals

\$645 On or Before 7/15/22  
 \$745 After 7/15/22

Nurses (for registration in course and simultaneous nursing track. Open to all specialties.)

\$645 On or Before 7/15/22  
 \$745 After 7/15/22

International attendee scholarships are available on request (please contact Erin Simon: erin.simon@ucsf.edu for further information).

### REGISTRATION

(MMC23010/A September 28, 2022)

#### Pre-Course Case Reviews in Trauma

Physicians  \$195

### SPECIAL DISCOUNTED RATES -

Please register via phone or fax and identify your appropriate category:

OTA Members  \$645 On or Before 7/15/22  
 \$745 After 7/15/22

#### UCSF Inman-Abbott Society Members

\$445 On or Before 7/15/22  
 \$545 After 7/15/22

#### Residents/Fellows/Military

\$325 On or Before 7/15/22  
 \$425 After 7/15/22

#### ASSH Members

\$445 On or Before 7/15/22  
 \$545 After 7/15/22

Make checks payable to UC Regents

Please charge my credit card:  Visa  MasterCard  American Express for \$ \_\_\_\_\_

Card # \_\_\_\_\_ | \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Expiration date

Name on Card (Please Print) \_\_\_\_\_ Authorized Signature \_\_\_\_\_

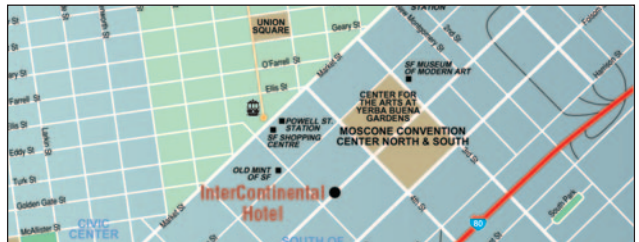
**Refund Policy:** Cancellations received in writing before the first day of the course will be refunded, less a \$75 administrative fee. No refunds will be made on cancellations received after that date.

### ON-SITE REGISTRATION (Pre-registration is preferred to ensure that registrants receive a name badge.)

Time: 6:30 am – 8:00 am

Date: Thursday, September 30, 2022

Place: InterContinental Hotel  
San Francisco  
888 Howard Street  
San Francisco, CA 94103  
1 (866) 781-2364  
<http://www.intercontinental-sanfrancisco.com/>



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