

**MAY (24) 25-27, 2023**

# 17th 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

## HIGHLIGHTS

CME Credit  
15 Workshops  
Nursing Track  
Welcome Reception

## PRE-COURSE:

Wednesday, May 24, 2023  
Case Reviews in Trauma  
CME Credit

  
Orthopaedic Trauma Institute

## 2023 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, MAY 24, 2023

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: S. Morshed / M. Marmor / A. El Naga / V. de Ridder

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: N. Lee / A. Ding / M. Terry / I. Immerman

4:30 pm Adjourn

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

#### THURSDAY, MAY 25, 2023

##### Nursing Workshop 1: Common Lower Extremity Fractures:

###### Injury to Management

9:40-10:20 am	Hip	Meir Marmor, MD
10:30-11:10 am	Knee	Paul Toogood, MD
11:20-12:00 pm	Ankle/Foot	Shepard Hurwitz, MD

##### Nursing Workshop 2: Common Upper Extremity Fractures:

###### Injury to Management

2:25-3:05 pm	Shoulder	Niloofer Dehghan, MD
3:15-3:55 pm	Elbow	Nicholas Lee, MD
4:05-4:45 pm	Wrist	Anthony Ding, MD

#### FRIDAY, MAY 26, 2023

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

###### Wound Care and Mobilization

10:35-11:15 am	Acute Wound and Skin Graft Care	Scott Hansen, MD
11:25-12:05 am	Chronic Wound Care	Charles Parks, DPM / Monara Dini, DPM
12:15-12:55 pm	Rehabilitation: Mobilization Protocols	Lisa Pascual, MD

##### Nursing Workshop 4: Post-Operative Management:

###### Rehabilitation / Orthotics and Prosthetics

3:05-3:45 pm	Nerve Injury Management: EMGs/NCVs	Masato Nagao, MD / Karina del Rosario, MD
3:55-4:35 pm	Fracture Bracing and Prosthetic Fitting	Nicole Henry, CPO
4:45-5:25 pm	Post-Amputations: Prosthetic Fitting	Aarti Deshpande, CPO

#### SATURDAY, MAY 27, 2023

##### Nursing Workshop 5: Challenges in Fracture Surgery (Main Course Labs)

10:15-10:55 am	Non-Union	(For Faculty Listing, see May 27, 2023)
11:05-11:45 pm	Mal-Union	(Hands-on Workshops)
11:55-12:35 pm	Soft-tissue Reconstruction Solutions	

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.

### 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:



# Orthopaedic Trauma Course Faculty

MAY (24) 25-27, 2023 • 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

### Anthony Ding, MD

Assistant Clinical Professor

### Monara Dini, DPM

Associate Clinical Professor

### Ashraf El Naga, MD

Assistant Clinical Professor  
Director, Spine Service

### Hannah Elsevier, MD

Assistant Clinical Professor

### David Gendelberg, MD

Assistant Clinical Professor

### Nicole Henry, CPO

ZSFG Orthotics & Prosthetics Center

### Utku Kandemir, MD

Clinical Professor  
Director, Sports Medicine Service

### Nicolas Lee, MD

Associate Professor  
Director, Hand and Microvascular Service

### Ralph Marcucio, PhD

Professor In Residence  
Director  
Laboratory for Skeletal Regeneration

### R. Trigg McClellan, MD

Clinical Professor Emeritus

### Saam Morshed, MD, PhD

Professor In Residence  
Section Director, Orthopaedic Trauma  
Department of Orthopaedic Surgery  
University of California, San Francisco  
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

### Lauren Santiesteban, MD

Assistant Professor

### David Shearer, MD

Associate Professor In Residence  
Director, Foot and Ankle Service

### Paul Toogood, MD

Associate Professor In Residence

## UNIVERSITY OF CALIFORNIA, SAN FRANCISCO SCHOOL OF MEDICINE

### Stefano A. Bini, MD

Clinical Professor  
Chief Technology Officer  
Department of Orthopaedic Surgery

### Scott L. Hansen, MD, FACS

Professor  
Division of Plastic, Reconstructive  
and Hand Surgery  
Chief, Hand and Microvascular Surgery  
Chief, Plastic and Reconstructive Surgery  
San Francisco General Hospital

### Igor Immerman, MD

Associate Professor  
Department of Orthopaedic Surgery

### Gopal Lalchandani, MD

Assistant Professor  
Department of Orthopaedic Surgery

### Sanjeev Sabharwal, MD

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

### Nicole S. Schroeder, MD

Associate Professor  
Director, Hand Surgery Service

### Michael J. Terry, MD

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

## DISTINGUISHED GUEST FACULTY

### Peter Althausen, MD

Associate  
Reno Orthopaedic Clinic  
Reno, Nevada

### 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, MBA

Professor, Department of Orthopaedic  
Surgery and Sports Medicine  
Morsani College of Medicine,  
University of South Florida,  
Tampa, FL  
West Coast Musculoskeletal Institute,  
Brooksville, FL

### Timothy Bray, MD

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

### Niloofer Dehghan, MD

Associate 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

### James R. Ficke, MD

Robert A. Robinson Professor and Chair  
Department of Orthopaedic Surgery  
Johns Hopkins University  
School of Medicine  
Baltimore, MD

## DISTINGUISHED GUEST FACULTY (CONT'D)

### Shepard R. Hurwitz, MD

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

### 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

### Melvin P. Rosenwasser MD

Professor of Orthopaedic Surgery  
Chief, Orthopaedic Trauma &  
Hand Service  
Columbia University Medical Center  
New York, NY

### Anthony C. Williams, CWS, ChFC, MRFC, CLU

President & Founding Partner  
Investment Advisor Representative  
Tempe, AZ

### Donald Wiss, MD

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

## DISTINGUISHED INTERNATIONAL GUEST FACULTY

### 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

### Emil Schemitsch, MD

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

### Prism Schneider, MD, PhD

Associate Professor  
Department of Orthopaedic Surgery  
University of Calgary  
Calgary, Alberta, Canada

**THURSDAY, MAY 25, 2023**

7:00-7:20 am	Registration / Continental Breakfast / Visit Exhibits	
7:20-7:30 am	Welcome: SF Orthopaedic Trauma Course	Theodore Miclau, MD
7:30-7:40 am	Orthopaedic Trauma Association: Directions	Emil Schemitsch, MD
7:40-7:50 am	Maintenance of Certification: 2023 Updates	Shepard Hurwitz, MD

**SHOULDER / UPPER EXTREMITY Moderator: Melvin Rosenwasser, MD**

7:50-8:00 am	Scapulothoracic Dislocation: Diagnosis and Treatment	Peter Althausen, MD
8:00-8:10 am	Glenoid and Scapula fractures: When Are They Indicated?	Utku Kandemir, MD
8:10-8:30 am	Proximal Humerus Fracture: Dislocation Management in Patients Less Than 60	
8:10-8:20 am	ORIF	Melvin Rosenwasser, MD
8:20-8:30 am	Reverse TSA	Michael McKee, MD
8:30-8:40 am	Complex Humeral Shaft Fractures: Is Nailing Out of Favor?	Anthony Ding, MD
8:40-8:50 am	Advanced Imaging of the Shoulder: Pre-Op and Intra-Op	Niloofer Dehghan, MD
8:50-9:05 am	VIDEO: Approaches to the Scapula	Utku Kandemir, MD
9:05-9:25 am	Discussion	
9:25-9:40 am	Break / Visit Exhibits / Travel to Workshops	

**Hands-on Workshops with Rotating Sessions: Upper Extremity****Workshop 1:** Humeral Shaft Fractures

D. Lowenberg (Leader) / M. McKee / J. Borelli / A. El Naga / D. Shearer

**Workshop 2:** Radial Head Fractures

U. Kandemir (Leader) / N. Dehghan / G. Lalchandani / E. Schemitsch / N. Lee

**Workshop 3:** Imaging Techniques: Diagnosing Fractures, Dislocation, and Instability

M. Rosenwasser (Leader) / A. Ding / M. Terry / S. Hansen / L. Santiesteban

	<b>Workshop 1</b>	<b>Workshop 2</b>	<b>Workshop 3</b>
9:40-10:20 am	Group A	Group B	Group C
10:30-11:10 am	Group B	Group C	Group A
11:20-12:00 pm	Group C	Group A	Group B

12:00-1:00 pm	Lunch Symposium / Visit Exhibits	
	Clinical Innovation: Open-minded Thinking to Improve Patient Care	
	Introduction: A. Matityahu	
	Lecturer: C. Krettek	

**BUSINESS OF ORTHOPAEDIC TRAUMA Moderator: Timothy Bray, MD**

1:00-1:10 pm	Business Acumen for Surgeons: Why is it Necessary?	Timothy Bray, MD
1:10-1:20 pm	The Future, Culture and Finances in Trauma: Considerations for a Successful Model	Steven Olson, MD
1:20-1:30 pm	Resource Management: Building and Managing Ancillary Programs	Peter Althausen, MD
1:30-1:40 pm	Hospital Policies and Practice Efficiencies: Tips for the Right Balance	Thomas Barber, MD
1:40-1:50 pm	Your Personal Finances: Present and Future Planning	Anthony Williams, BS, ChFC
1:50-2:10 pm	Panel Discussion	Faculty
2:10-2:25 pm	Break / Visit Exhibits / Travel to Workshops	

**Hands-on Workshops with Rotating Sessions: Femur and Pelvis****Workshop 1:** SI Joint Injuries

A. Matityahu (Leader) / K. Dickson / D. Gendelberg / A. El Naga / S. Morshed

**Workshop 2:** Proximal Femur Fractures

U. Kandemir (Leader) / P. Althausen / M. Rosenwasser / T. Bray / M. Marmor

**Workshop 3:** Femoral Shaft Fractures: Case Reviews

P. Toogood (Leader) / J. Borrelli / S. Olson / E. Schemitsch / D. Shearer

	<b>Workshop 1</b>	<b>Workshop 2</b>	<b>Workshop 3</b>
2:25-3:05 pm	Group A	Group B	Group C
3:15-3:55pm	Group B	Group C	Group A
4:05-4:45 pm	Group C	Group A	Group B

4:45-4:55 pm	Break / Visit Exhibits / Travel to Lectures	
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**ELBOW / WRIST / HAND Moderator: Michael McKee, MD**

4:55-5:05 pm	Isolated and Associated Radial Head Fractures: Tips for Successful Management	Anthony Ding, MD
5:05-5:15 pm	Distal Radius Fractures: Picking the Right Approach	Melvin Rosenwasser, MD
5:15-5:25 pm	Distal Ulna Fractures: When Should We Fix Them?	Nicole Schroeder, MD
5:25-5:35 pm	Comminuted Scaphoid Fractures: Fixation Timing and Technique	Gopal Lalchandani, MD
5:35-5:45 pm	Perilunate Fracture Dislocations: Diagnosis and Treatment	Lauren Santiesteban, MD
5:45-6:00 pm	VIDEO: Approaches to the Carpal Bones	Nicolas Lee, MD
6:00-6:20 pm	Panel Discussion	Faculty
6:20-6:25 pm	Raffle / Conclusion / Adjour	
6:30-8:00 pm	Welcome Reception (Open to All Attendees)	

## FRIDAY, MAY 26, 2023

7:00-7:25 am Continental Breakfast / Visit Exhibits

7:25-7:30 am Welcome

Theodore Miclau, MD

### SPINE / PELVIS / ACETABULUM Moderator: Joseph Borrelli, MD

7:30-7:40 am Thoracic and Lumbar Spine Injuries: Diagnosing Instability

David Gendelberg, MD

7:40-7:50 am Lumbosacral Fixation: When and How?

Ashraf El Naga, MD

7:50-8:00 am Sacroiliac Fixation: Safely Navigating the Dysmorphic Sacrum

Paul Toogood, MD

8:00-8:20 am Acetabular Fractures:

8:00-8:10 am Which Ones Need Urgent Surgery?

Saam Morshed, MD

8:10-8:20 am Managing the Marginal Indications

Kyle Dickson, MD

8:20-8:35 am VIDEO: Approaches to the Pelvic Ring

Amir Matiyahu, MD

8:35-8:55 am Discussion

Faculty

### HIP / FEMUR Moderator: Kyle Dickson, MD

8:55-9:05 am Femoral Neck Fractures in the Young Adult: Timing and Technique

Saam Morshed, MD

9:05-9:15 am Proximal Femur Fractures: Avoiding Malalignment

Amir Matiyahu, MD

9:15-9:25 am Hip Fracture Fixation: The Radiographic Parameters That Matter

Emil Schemitsch, MD

9:25-9:35 am Segmental Femur Fractures: Management Challenges

Joseph Borrelli, MD

9:35-9:45 am Distal Femur Fractures: Choosing the Right Approach and Implant

David Shearer, MD

9:45-10:00 am VIDEO: Fractures of the Distal Femur: Tips for Success

Christian Krettek, MD

10:00-10:20 am Discussion

All

10:20-10:35 am Break / Visit Exhibits / Travel to Workshops

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

**Workshop 1:** Compartment Syndrome: Acute Diagnosis

*P. Schneider (Leader) / M. Marmor / E. Schemitsch / U. Kandemir / H. Elsevier*

**Workshop 2:** Tibial Shaft Fractures

*U. Kandemir (Leader) / J. Ficke / V. de Ridder / T. Bray / D. Shearer*

**Workshop 3:** Distal Tibia Fractures

*J. Borrelli (Leader) / C. Krettek / S. Olson / A. El Naga / P. Toogood*

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

12:55-1:40 pm Lunch Symposium / Visit Exhibits

The Digital Transformation of Musculoskeletal Care

Introduction: *Theodore Miclau, MD*

Lecturer: *Stefano Bini, MD*

### NEW TECHNOLOGIES Moderator: Emil Schemitsch, MD

1:40-1:50 pm Artificial Intelligence Is Here to Stay: How Will It Change Practice?

Meir Marmor, MD

1:50-2:00 pm Implants: Are There Any Advancements Left to Make?

Christian Krettek, MD

2:00-2:10 pm Motorized Implants: Can They Work?

Donald Wiss, MD

2:10-2:20 pm Controlling Hemorrhage and Clotting: Whats On the Horizon?

Prism Schneider, MD

2:20-2:30 pm Electronic Medical Records: How Are They Improving?

Thomas Barber, MD

2:30-2:50 pm Panel Discussion

All

2:50-3:05 pm Break / Visit Exhibits / Travel to Workshops

Faculty

### Hands-on Workshops with Rotating Sessions: Lower Extremity

**Workshop 1:** Cerclage Techniques for Lower Extremity Fractures: Tips and Tricks

*A. Matiyahu (Leader) / M. Marmor / T. Barber / K. Dickson / C. Bub*

**Workshop 2:** Talus Fractures

*D. Shearer (Leader) / S. Hurwitz / S. Morshed / R. Coughlin / L. Radomski*

**Workshop 3:** Calcaneal Fractures

*J. Ficke (Leader) / P. Schneider / T. McClellan / P. Toogood / H. Elsevier*

3:05-3:45 pm

**Workshop 1**  
Group A

**Workshop 2**  
Group B

**Workshop 3**  
Group C

3:55-4:35 pm

Group B

Group C

Group A

4:45-5:25 pm

Group C

Group A

Group B

5:25-5:35 pm Break / Visit Exhibits / Travel to Lectures

### GERIATRIC FRACTURES Moderator: Victor de Ridder, MD

5:35-5:45 pm Distal Humerus Fractures in the Elderly: When Is TEA the Better Choice?

Utku Kandemir, MD

5:45-5:55 pm Acetabular Fractures and THA: Primary vs. Staged Approaches

Kyle Dickson, MD

5:55-6:05 pm Displaced Femoral Neck Fractures: ORIF, THR, or Hemiarthroplasty

Emil Schemitsch, MD

6:05-6:15 pm Supracondylar distal femur fractures: Indication and Technique

Paul Toogood, MD

6:15-6:30 pm Panel Discussion

All

6:30 pm Adjourn

## SATURDAY, MAY 27, 2023

7:00-7:25 am Continental Breakfast / Visit Exhibits  
7:25-7:30 am Welcome Theodore Miclau, MD

### **KNEE / TIBIA Moderator: James Ficke, MD**

7:30-7:40 am Tibial Plateau Fractures: Strategies for Successful Fixation Joseph Borrelli, MD  
7:40-7:50 am Tibia Fractures and Compartment Syndrome: When to Definitively Fix Prism Schneider, MD  
7:50-8:00 am Knee Fracture-Dislocations: A Staged Approach Utku Kandemir, MD  
8:00-8:10 am The Mangled Extremity: Limb Salvage vs. Amputation Saam Morshed, MD  
8:10-8:25 am VIDEO: Approaches to the Proximal Tibia Paul Toogood, MD  
8:25-8:45 am Panel Discussion Faculty

### **FOOT & ANKLE Moderator: Steven Olson, MD**

8:45-8:55 am Ankle Fractures: The Simple Ones That Are Not So Simple David Shearer, MD  
8:55-9:05 am Pilon Fractures: Which Ones Can Be Treated Early? Saam Morshed, MD  
9:05-9:15 am Open Calcaneus Fractures: How to Optimize Results Paul Toogood, MD  
9:15-9:25 am Medial Column Foot Fractures: Approaches and Treatment James Ficke, MD  
9:25-9:40 am VIDEO: Approaches for Forefoot Fracture-Dislocations David Shearer, MD  
9:40-10:00 am Panel Discussion  
10:00-10:15 am Break / Visit Exhibits / Travel to Workshops

### **Hands-on Workshops with Rotating Sessions: Challenges in Fracture Surgery (Case-based Reviews)**

#### **Workshop 1: Non-Union**

D. Wiss (Leader) / C. Krettek / S. Morshed / V. de Ridder

#### **Workshop 2: Malunion**

D. Lowenberg (Co-Leader) / S. Sabharwal (Co-Leader) / F. de la Huerta / C. Krettek

#### **Workshop 3: Soft-tissue Reconstructive Solutions**

N. Lee (Co-Leader) / M. Terry (Co-Leader) / S. Hansen / M. Rosenwasser

	<b>Workshop 1</b>	<b>Workshop 2</b>	<b>Workshop 3</b>
10:15-10:55 am	Group A	Group B	Group C
11:05-11:45 pm	Group B	Group C	Group A
11:55-12:35 pm	Group C	Group A	Group B

12:35-1:30 pm Lunch Symposium / Visit Exhibits  
At All of Life's Intersections There Are Choices  
Introduction: Theodore Miclau, MD  
Lecturer: Donald Wiss, MD

### **FRACTURE-RELATED INFECTIONS Moderator: Donald Wiss, MD**

1:30-1:40 pm FRI: Current State of Management Donald Wiss, MD  
1:40-1:50 pm Diagnosing Infections: Are New Technologies An Improvement? Hannah Elsevier, MD  
1:50-2:00 pm Antibiotic Administration: IV, Oral, or Local? David Shearer, MD  
2:00-2:10 pm Post-Debridement Defects: How to Manage Fernando de la Huerta, MD  
2:10-2:20 pm Infected Wound Post ORIF: Hardware Retention or Removal David Lowenberg, MD  
2:20-2:40 pm Panel Discussion Faculty

### **OSTEOBIOLOGICS Moderator: Prism Schneider, MD**

2:40-2:50 pm Anti-inflammatory Agents: Recommendations for Use in Fracture Surgery Prism Schneider, MD  
2:50-3:00 pm Fracture Fixation Augmentation: What Are the Best Materials? Trigg McClellan, MD  
3:00-3:10 pm Cell-based Therapies: How Are They Being Optimized? Chelsea Bahney, PhD  
3:10-3:20 pm Growth Factors: What is on the Horizon for Bone Healing Ralph Marcucio, PhD  
3:20-3:30 pm Post-Fragility Fracture Management: An Algorithmic Approach Meir Marmor, MD  
3:30-3:50 pm Discussion  
3:50-4:00 pm Course Summary/Raffle Theodore Miclau, MD  
4:00 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.





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**Orthopaedic Trauma Institute**

ATTN: Erin Simon  
2550 23rd Street, Building 9, 3rd Fl  
San Francisco, CA 94110

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**REGISTER TODAY!**

You may REGISTER directly by logging onto [cme.ucsf.edu](http://www.orthotrauma.com)  
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.

**COURSE OBJECTIVE** 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.

**CONNECT WITH OTI!**  
<http://www.orthotrauma.com>



**2023 ORTHOPAEDIC TRAUMA COURSE • MAY (24) 25-27, 2023**

**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.**

**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.



**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

**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 May 1, 2023, they will receive a discounted rate of \$249.00 per room, per night. After May 1, 2023, 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 2023.

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

May (24) 25 -27, 2023 • 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

(MMC23010B May 25 -27, 2023)

Physicians  \$745 On or Before 5/15/23  
 \$845 After 5/15/23

#### Industry Professionals

\$745 On or Before 5/15/23  
 \$845 After 5/15/23

#### PA's and Allied Health Professionals

\$645 On or Before 5/15/23  
 \$745 After 5/15/23

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

\$645 On or Before 5/15/23  
 \$745 After 5/15/23

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

### REGISTRATION

(MMC23010B-A May 24, 2023)

#### 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 5/15/23  
 \$745 After 5/15/23

#### UCSF Inman-Abbott Society Members

\$445 On or Before 5/15/23  
 \$545 After 5/15/23

#### Residents/Fellows/Military

\$325 On or Before 5/15/23  
 \$425 After 5/15/23

#### ASSH Members

\$445 On or Before 5/15/23  
 \$545 After 5/15/23

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, May 25, 2023

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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