

# Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents

## FINAL PROGRAM



**April 12 – 14, 2019 • Long Beach, CA**

Erik N. Hansen, MD  
Mark J. Spangehl, MD  
Course Directors



# PROGRAM SCHEDULE

## FRIDAY, APRIL 12

- 4:30 pm **REGISTRATION/DINNER (REGISTRATION FOYER)**
- 5:00 pm Welcome and Course Overview (Lecture Room)  
*Erik N. Hansen, MD*
- 5:05 – 7:30 pm **TOTAL HIP REPLACEMENT**  
*Moderator: Erik N. Hansen, MD*
- 5:05 pm **Small Group Case Discussion THA (Basic Principles)**  
Basic Osteoarthritis  
Rheumatoid Arthritis  
Osteonecrosis  
*Discussion Leaders: Drs. Amanatullah, Barry, Bhagia, Blumenfeld, Giori, Hansen, Nassif, Sassoon, Schwartz, Spangehl, Spitzer, and Zeegen*
- 5:45 pm **Preoperative THA Planning and Templating**  
*Thomas J. Blumenfeld, MD*
- 6:00 pm **THA Stem Femoral Design: Fitting the Anatomy**  
*Adam Schwartz, MD*
- 6:15 pm **HIP TEMPLATE SESSION**  
*Session Leader: Andrew I. Spitzer, MD*  
*Session Instructors: Drs. Amanatullah, Bhagia, Barry, Blumenfeld, Giori, Hansen, Nassif, Sassoon, Schwartz, Spangehl, and Zeegen*
- 7:30 pm **COURSE ADJOURNS FOR THE DAY**

# PROGRAM SCHEDULE

## SATURDAY, APRIL 13

6:30 am

**BREAKFAST**

7:00 – 8:00 am

**SURGICAL APPROACHES IN THA**

*Moderator: Adam Schwartz, MD*

7:00 am

Surgical Anatomy of the Hip

*Adam A. Sassoon, MD*

7:10 am

**INTERACTIVE PRE-RECORDED DEMONSTRATION**

Posterior Approach Hip

*Nicholas J. Giori, MD*

7:25 am

**INTERACTIVE PRE-RECORDED DEMONSTRATION**

Direct Anterior Hip

*Video by Mark J. Spangehl, MD*

7:40 am

Surgical Approaches: A Critique/Faculty Debate

*Moderator: Adam Schwartz, MD*

*Panel: Drs. Barry, Bhagia, Hansen, Spangehl, and Zeegen*

7:50 am

Lab Orientation

*Erik N. Hansen, MD and Mark J. Spangehl, MD*

8:00 am

**MOVE TO LAB**

8:10 – 10:10 am

**HANDS-ON SURGICAL SKILLS LAB**

Surgical Approaches

Acetabular Preparation

*Lab Leaders: Erik N. Hansen, MD and Mark J. Spangehl, MD*

*Lab Instructors: Drs. Amanatullah, Barry, Bhagia, Blumenfeld, Giori,*

*Nassif, Sassoon, Schwartz, Spitzer, and Zeegen*

10:10 am

**REFRESHMENT BREAK**

Rotate from Lab

# PROGRAM SCHEDULE

## SATURDAY, APRIL 13

10:25 am      **Small Group Case Discussions THA (Lecture Room)**  
DDH  
Post Traumatic Arthritis Hardware and Deformity  
Childhood Hip Disease  
Evaluation and Treatment of TJA Infection  
*Discussion Leaders: Drs. Amanatullah, Barry, Bhagia, Blumenfeld, Giori, Hansen, Nassif, Sassoon, Schwartz, Spangehl, Spitzer, and Zeegen*

11:40 am – 12:40 pm      **LUNCH**

11:40 am      Pickup Lunch

11:55 am      Lunch  
Panel Discussion  
Life Lessons / How to Choose a Practice  
*Moderator: Nicholas J. Giori, MD*  
*Panel: Drs. Amanatullah, Bhagia, Blumenfeld, Nassif and Spitzer*

1:10 pm      **ROTATE TO LAB**

1:20 – 2:50 pm      **HANDS-ON SURGICAL SKILLS LAB**  
Femoral Components  
Anatomic Dissection of Hip Specimen  
*Lab Leaders: Erik N. Hansen, MD and Mark J. Spangehl, MD*  
*Lab Instructors: Drs. Amanatullah, Barry, Bhagia, Blumenfeld, Giori, Nassif, Sassoon, Schwartz, Spitzer, and Zeegen*

2:50 pm      **REFRESHMENT BREAK**  
Rotate from Lab

# PROGRAM SCHEDULE

## SATURDAY, APRIL 13

3:05 – 6:20 pm **TOTAL KNEE REPLACEMENT (LECTURE ROOM)**  
*Moderator: Mark J. Spangehl, MD*

3:05 pm **Basic Principles of TKA**  
*Erik N. Hansen MD*

3:20 pm **Small Group Case Discussion TKA**  
Indications: Non-Operative Treatment and Preop Considerations  
Limb Alignment and Deformity  
Soft Tissue Balance and Ligament Releases  
Patella Tracking and Resurfacing  
*Discussion Leaders: Drs. Amanatullah, Barry, Bhagia, Blumenfeld, Giori, Hansen, Nassif, Sassoon, Schwartz, Spangehl, Spitzer, and Zeegen*

4:20 pm **Perioperative Pain Management**  
*Andrew I. Spitzer, MD*

4:40 pm **Panel Discussion: Perioperative Pain Management**  
*Moderator: Andrew I. Spitzer, MD*  
*Panel: Drs. Amanatullah, Bhagia, Blumenfeld, Giori, Spangehl, and Zeegen*

5:05 pm **Unicompartmental Knee Arthroplasty: Indications and Principles**  
*Jeffrey Barry, MD*

5:20 pm **KNEE TEMPLATE SESSION**  
*Session Leader: Andrew I. Spitzer, MD*  
*Session Instructors: Drs. Amanatullah, Bhagia, Barry, Blumenfeld, Giori, Hansen, Nassif, Sassoon, Schwartz, Spangehl, and Zeegen*

6:15 pm **COURSE ADJOURNS FOR THE DAY**

# PROGRAM SCHEDULE

## SUNDAY, APRIL 14

6:30 am

**BREAKFAST**

7:00 – 7:30 am

**PRINCIPLES OF TOTAL KNEE REPLACEMENT  
(LECTURE ROOM)**

*Moderator: Mark J. Spangehl, MD*

7:00 am

**PRE-RECORDED VIDEO DEMONSTRATION**

Gap Balancing and Measured Resections

*Derek F. Amanatullah, MD*

7:30 am

**ROTATE TO LAB**

7:40 – 9:40 am

**HANDS-ON SKILLS LAB**

Surgical Exposures

Primary Total Knee

*Lab Leaders: Erik N. Hansen, MD and Mark J. Spangehl, MD*

*Lab Instructors: Drs. Amanatullah, Barry, Bhagia, Blumenfeld, Giori, Nassif, Sassoon, Schwartz, Spitzer, and Zeegen*

9:40 am

**REFRESHMENT BREAK**

Rotate from Lab

9:55 am

**Small Group Case Discussions (Lecture Room)**

Severe Valgus

Extra-Articular Deformity

Previous Hardware

Obesity

*Discussion Leaders: Drs. Amanatullah, Barry, Bhagia, Blumenfeld, Giori, Hansen, Nassif, Sassoon, Schwartz, Spangehl, Spitzer, and Zeegen*

10:55 am

**Panel Discussion: Perioperative Care of the Arthroplasty Patient**

Blood Conservation/TXA

DVT Prophylaxis

Physical Therapy

CPM, Cryo Therapy

Risk Optimization

*Moderator: Nader A. Nassif, MD*

*Panel: Drs. Giori, Hansen, Sassoon, Spitzer, and Zeegen*

# PROGRAM SCHEDULE

## SUNDAY, APRIL 14

11:40 am – 12:40 pm	<b>LUNCH</b>
11:40 am	Pickup Lunch
11:55 am	Lunch Symposium: TKA Complication Avoidance and Management (Lecture Room) Wound Closure Intra-Operative MCL Disruption Extensor Mechanism Disruption <i>Moderator: Erik N. Zeegen, MD</i> <i>Panel: Drs. Barry, Nassif, Sassoon, and Schwartz</i>
12:55 pm	<b>ROTATE TO LAB</b>
1:05 pm	<b>HANDS-ON SKILLS LAB</b> Advanced and Extensile Exposures Complete Knee Dissection <i>Lab Leaders: Erik N. Hansen, MD and Mark J. Spangehl, MD</i> <i>Lab Instructors: Drs. Amanatullah, Barry, Bhagia, Blumenfeld, Giori, Nassif, Sassoon, Schwartz, Spitzer, and Zeegen</i>
3:30 pm	<b>COURSE ADJOURNS</b>

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## PROGRAM DIRECTORS

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**Erik N. Hansen, MD**  
University of California San Francisco  
San Francisco, CA



**Mark J. Spangehl, MD**  
Mayo Clinic Arizona  
Phoenix, AZ

## PROGRAM FACULTY

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**Derek F. Amanatullah, MD, PhD**  
Stanford University  
Redwood City, CA



**Thomas J. Blumenfeld, MD**  
Sutter Medical Center  
Sacramento  
Sacramento, CA



**Jeffrey Barry, MD**  
University of California San  
Francisco  
San Francisco, CA



**Umesh T. Bhagia, MD**  
ARC Orthopedic Group  
West Hills, CA.



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## PROGRAM FACULTY

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**Nicholas J. Giori, MD**  
Stanford University  
Redwood City, CA



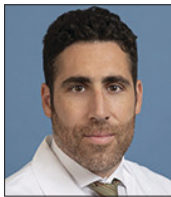
**Adam Schwartz, MD**  
Mayo Clinic Arizona  
Phoenix, AZ



**Nader A. Nassif, MD**  
Hoag Orthopedic Institute  
Newport Beach, CA



**Andrew I. Spitzer, MD**  
Cedars Sinai Orthopedic  
Center  
Los Angeles, CA



**Adam A. Sassoon, MD**  
UCLA, Santa Monica Medical  
Center and Orthopaedic  
Hospital  
Los Angeles, CA



**Erik N. Zeegen, MD**  
UCLA, Santa Monica Medical  
Center and Orthopaedic Hospital  
Los Angeles, CA

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AAHKS, HS, KS and AAOS extend sincere appreciation to the below companies for their support of this educational program.

## GRANTS

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Stryker (Gold Level)	Zimmer Biomet (Silver Level)
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## IN-KIND SUPPORT

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### ELECTRONIC SYLLABUS

Your course syllabus is available at [www.aaos.org/3255syllabus](http://www.aaos.org/3255syllabus).

### COURSE EVALUATION and CLAIMING CME CREDITS

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