

Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents

Presented by AAOS, AAHKS, The Hip Society and The Knee Society

PROGRAM SCHEDULE



April 21 – 23, 2017
Long Beach, CA

James I. Huddleston, III, MD
Erik N. Hansen, MD
Course Directors



Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Resident #3045

presented by AAOS/AAHKS/The Hip Society/The Knee Society

April 21-23, 2017; Long Beach, CA

The American Academy of Orthopaedic Surgeons (AAOS), the American Association of Hip and Knee Surgeons (AAHKS), The Hip Society, and The Knee Society extend sincere appreciation to the following companies for their support of this program.

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Brainlab, Inc.

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**Fundamentals of Hip and Knee Arthroplasty for Orthopaedic Residents presented by
AAOS, AAHKS, The Hip Society and The Knee Society #3045
April 21-23, 2017; Science Care Facility; Long Beach, CA
James I. Huddleston, III, MD and Erik N. Hansen, MD**

as of April 5, 2017

SCHEDULE

FRIDAY, APRIL 21

4:30 pm Registration/Dinner/Exhibits (**Registration Foyer**)

5:00 Welcome and Course Overview (**Lecture Room**)
James I. Huddleston, III, MD

TOTAL HIP REPLACEMENT

Moderator: *James I. Huddleston, III, MD*

5:05 **Small Group Case Discussion THA (Basic Principles)**
Basic Osteoarthritis
Rheumatoid Arthritis
Osteonecrosis
Discussion Leaders: *Drs. Huddleston, Hansen, Bengs, Bini, Giori, Horst,
Oakes, Sassoon, Snyder, Spangehl, Spitzer*

5:45 Preoperative THA Planning and Templating
Benjamin C. Bengs MD

6:00 THA Stem Femoral Design: Fitting the Anatomy
Nader A. Nassif, MD

6:15 Hip Template Session
Session Leaders: *James I. Huddleston, III, MD and Erik N. Hansen, MD*
Session Instructors: *Drs. Bengs, Bini, Giori, Horst, Nassif, Oakes, Sassoon,
Snyder, Spangehl, Spitzer*

7:30 Course Adjourn

SATURDAY, APRIL 22

6:30 am Continental Breakfast/Exhibits

7:00 am Lab Orientation (**Lecture Room**)

SURGICAL APPROACHES IN THA

Moderator: *Stefano A. Bini, MD*

7:10 am Surgical Anatomy of the Hip
Adam Sassoon MD

7:20 **INTERACTIVE PRE-RECORDED DEMONSTRATION**
Posterior Approach Hip
James I. Huddleston, III, MD

7:35 **INTERACTIVE PRE-RECORDED DEMONSTRATION**
Direct Anterior Hip
Video by Mark J. Spangehl, MD

7:50 Surgical Approaches: A Critique/Faculty Debate
Moderator: *James I. Huddleston, III, MD*
Panelists: *Drs. Giori, Hensen, Spangehl, Spitzer*

8:00 HANDS-ON SURGICAL SKILLS LAB Surgical Approaches Acetabular Preparation Lab Leader: <i>James I. Huddleston, III, MD and Erik N. Hansen, MD</i> Lab Instructors: <i>Drs. Bengs, Bini, Giori, Horst, Nassif, Oakes, Sassoon, Snyder, Spangehl, Spitzer</i>
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10:00 Refreshment Break/Exhibits

10:15 **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. Huddleston, Hansen, Bengs, Bini, Giori, Horst, Nassif, Oakes, Sassoon, Snyder, Spangehl, Spitzer*

11:30 Lunch and Panel Discussion/Exhibits (**Registration Foyer/Lecture Room**)

1:00 pm **HANDS-ON SURGICAL SKILLS LAB**
Femoral Components
Anatomic Dissection of Hip Specimen
Lab Leaders: *James I. Huddleston, III, MD and Erik N. Hansen, MD*
Lab Instructors: *Drs. Bengs, Bini, Giori, Horst, Nassif, Oakes, Sassoon, Snyder, Spangehl, Spitzer*

2:30 Refreshment Break/Exhibits

TOTAL KNEE REPLACEMENT (Lecture Room)

Moderator: *Mark J. Spangehl, MD*

2:45 Basic Principles of TKA
Erik N. Hansen MD

3:00 **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. Huddleston, Hansen, Bengs, Bini, Giori, Horst, Nassif, Oakes, Sassoon, Snyder, Spangehl, Spitzer*

4:00 Periopertative Pain Management
Andrew I. Spitzer, MD

4:20 Panel Discussion: Perioperative Pain Management
Moderator: *Andrew I. Spitzer, MD*
Panel: *Drs. Bini, Horst, Oakes, Spangehl*

4:45 Unicompartmental Knee Arthroplasty: Indications and Principles
Stefano A. Bini MD

5:00 Course Adjourns

SUNDAY, APRIL 23

6:30 am Continental Breakfast/Exhibits

PRINCIPLES OF TOTAL KNEE REPLACEMENT (Lecture Room)

Moderator: *James I. Huddleston, III, MD*

7:00 am **PRE-RECORDED VIDEO DEMONSTRATION**

Gap Balancing and Measured Resections

Video by: James I. Huddleston, III, MD

7:30 **HANDS-ON SKILLS LAB**

Surgical Exposures

Primary Total Knee

Lab Leaders: *James I. Huddleston, III, MD and Erik N. Hansen, MD*

Lab Instructors: *Drs. Bengs, Bini, Giori, Horst, Nassif, Oakes, Sassoon, Snyder, Spangehl, Spitzer*

OPTIONAL: Knee Templating Session

9:30 **Small Group Case Discussions (Lecture Room)**

Severe Valgus

Extra-Articular Deformity

Previous Hardware

Obesity

Discussion Leaders: *Drs. Huddleston, Hansen, Bengs, Bini, Giori, Horst, Nassif, Oakes, Sassoon, Snyder, Spangehl, Spitzer*

10:30 Panel Discussion: Perioperative Care of the Arthroplasty Patient

Blood Conservation/TXA

DVT Prophylaxis

Physical Therapy

CPM, Cryo Therapy

Risk Optimization

Moderator: *Nicholas J. Giori MD*

Panelists: *Drs. Bengs, Hansen, Sassoon*

11:15 Lunch/Exhibits (**Registration Foyer/Lecture Room**)

Symposium: TKA Complication Avoidance and Management (**Lecture Room**)

Wound Closure

Intra-Operative MCL Disruption

Extensor Mechanism Disruption

Moderator: *Daniel A. Oakes MD*

Panelists: *Drs. Bengs, Horst, Nassif, Spangehl*

12:30 pm

HANDS-ON SKILLS LAB

Advanced and Extensile Exposures

Complete Knee Dissection







Lab Leaders: *James I. Huddleston, III, MD and Erik N. Hansen, MD*

Lab Instructors: *Drs. Bengs, Bini, Giori, Horst, Nassif, Oakes, Sassoon, Snyder, Spangehl, Spitzer*

3:00

Course Adjourns

DIRECTORS			
	<p>James I. Huddleston, III MD Stanford Medicine Outpatient Center Redwood City, CA</p> <p>Dr. Huddleston is an Associate Professor of Orthopaedic Surgery at the Stanford University Medical Center.</p> <p>His primary research interests include: arthritis, clinical outcomes of primary and revision hip and knee replacement surgery, biomaterials, the design of hip and knee implants and instrumentation, and the delivery of health services related to hip and knee replacement.</p>		
	<p>Erik N. Hansen, MD University of California, San Francisco San Francisco, CA</p> <p>Dr. Erik Hansen is an orthopedic surgeon in the Arthroplasty Service of the UCSF Orthopedic Institute. Hansen specializes in reconstructive, replacement and revision surgery of the hip and knee, and has expertise in the direct anterior hip approach for hip joint replacement. In his research, he focuses on the diagnosis, treatment and prevention of periprosthetic joint infection.</p> <p>Dr. Hansen earned a medical degree and completed an orthopedic surgery residency at UCSF. He served as a fellow in adult reconstructive surgery at the Rothman Institute at Thomas Jefferson University in Philadelphia. Hansen directs a total joint database and a periprosthetic infection database, and is an assistant professor in residence of orthopedic surgery.</p>		
FACULTY			
	<p>Benjamin C. Bengs, MD University of California Los Angeles Santa Monica, CA</p>		<p>Stefano A. Bini, MD University of California San Francisco San Francisco, CA</p>
	<p>Nicholas J. Giori, MD VA Palo Alto Health Care System Palo Alto, CA</p>		<p>Patrick Horst, MD University of Minnesota Minneapolis, MN</p>

	<p>Nader A Nassif, MD Newport Orthopedic Institute Newport Beach, CA</p>		<p>Daniel A. Oakes, MD University of Southern California Los Angeles, CA</p>
	<p>Adam Sassoon, MD University of Washington Seattle, WA</p>		<p>Benjamin M. Snyder, MD Stanford University Menlo Park, CA 94025</p>
	<p>Mark J. Spangehl, MD Mayo Clinic Phoenix, AZ</p>		<p>Andrew I. Spitzer, MD Cedars Sinai Ortho Ctr. Los Angeles, CA</p>