



2024 Resident Arthroplasty Course

Friday, November 8, 2024

6:30 a.m. - 2:45 p.m.

Gaylord Texan Resort & Convention Center

Vineyard Tower – Tate A

Agenda & Meeting Materials

Nathanael D. Heckmann, MD, Chair

Elizabeth B. Gausden, MD, MPH, Co-Chair

Faculty

Matthew P. Abdel, MD
Lucas A. Anderson, MD
Michael P. Ast, MD
Matthew S. Austin, MD
Nicholas A. Bedard, MD
Jenna A. Bernstein, MD
Joshua S. Bingham, MD
Michael Blankstein, MD, MSc, FRCSC
James A. Browne, MD
Alberto V. Carli, MD, MSc
Brian P. Chalmers, MD
Antonia F. Chen, MD, MBA
Anna R. Cohen-Rosenblum, MD, MSc

Kevin B. Fricka, MD
Jeremy M. Gililand, MD
Peter A. Gold, MD
James I. Huddleston III, MD
Ryland P. Kagan, MD
David C. Landy, MD, PhD
Cameron K. Ledford, MD
Brett R. Levine, MD, MS
Elizabeth G. Lieberman, MD
Jay R. Lieberman, MD
Mark W. Pagnano, MD
Brett C. Perricelli, MD
Kevin I. Perry, MD

Nicolas S. Piuze, MD
Gregory G. Polkowski II, MD, MSc
Joshua C. Rozell, MD
Sean P. Ryan, MD
Alexander P. Sah, MD
Neil P. Sheth, MD
Rafael J. Sierra, MD
Bryan D. Springer, MD
Linda I. Suleiman, MD
E. Bailey Terhune, MD
Sara J. Shippee Wallace, MD, MPH
Samuel S. Wellman, MD

Agenda

Breakfast & Introduction (6:30 – 7:10 a.m.)		
6:30 a.m.	Breakfast	Vineyard Tower – Tate B
7:00 a.m.	Welcome to the 2024 Resident Arthroplasty Course	Nathanael D. Heckmann, MD, Chair Elizabeth B. Gausden, MD, MPH, Co-Chair
Didactic Session I: Total Knee Arthroplasty (7:05 – 8:15 a.m.)		
Moderator: James A. Browne, MD		
7:05 a.m.	TKA Implant Design and Options	Joshua S. Bingham, MD
7:15 a.m.	Unicompartmental Knee Arthroplasty	Kevin B. Fricka, MD
7:25 a.m.	TKA Balancing and Large Deformities	Matthew S. Austin, MD
7:35 a.m.	Mechanically Aligned Knee: How I Do It	Gregory G. Polkowski II, MD, MSc
7:45 a.m.	Kinematic Knee: How I Do It	Ryland P. Kagan, MD
7:55 a.m.	Robotic Assistance and Computer Navigation in TKA	Linda I. Suleiman, MD
8:05 a.m.	Discussion and Q&A	James A. Browne, MD
AAHKS Presidential Welcome (8:15 – 8:20 a.m.)		
8:15 a.m.	Introduction to AAHKS Presidential Address	James I. Huddleston III, MD
Case-Based Session I: Primary TKA (8:20 – 9:10 a.m.)		
Moderator: Jenna A. Bernstein, MD		
8:20 a.m.	Case 1: Retained Hardware	Cameron K. Ledford, MD
8:30 a.m.	Case 2: Valgus Knee	Samuel S. Wellman, MD
8:40 a.m.	Case 3: Cemented vs. Cementless TKA	Sara J. Shippee Wallace, MD, MPH
8:50 a.m.	Case 4: Morbid Obesity in TKA	Elizabeth G. Lieberman, MD
9:00 a.m.	Case 5: Extra-Articular Deformity in TKA	Michael Blankstein, MD, MSc, FRCSC
Break (9:10 – 9:20 a.m.)		
Case-Based Session II: Revision TKA (9:20 – 10:20 a.m.)		
Moderator: Bryan D. Springer, MD		
9:20 a.m.	Case 1: Extensor Mechanism Disruption	Brett C. Perricelli, MD
9:32 a.m.	Case 2: Arthrofibrosis	Nicolas S. Piuuzzi, MD

9:44 a.m.	Case 3: Supracondylar Periprosthetic Fracture	Elizabeth B. Gausden, MD, MPH
9:56 a.m.	Case 4: Periprosthetic Joint Infection of the Knee	Antonia F. Chen, MD, MBA
10:08 a.m.	Case 5: Addressing Bone Loss: Metaphyseal Fixation	Nicholas A. Bedard, MD

Didactic Session II: THA/Hip Preservation (10:20 – 11:20 a.m.)

Moderator: Matthew P. Abdel, MD

10:20 a.m.	Hip Preservation: What I Need to Know	Rafael J. Sierra, MD
10:30 a.m.	Total Hip Arthroplasty Bearing Surfaces	Jay R. Lieberman, MD
10:40 a.m.	Complex Primary Total Hip Arthroplasty	Brett R. Levine, MD, MS
10:50 a.m.	Anterior Approach: Why and How I Do It	Lucas A. Anderson, MD
11:00 a.m.	Posterior Approach: Why and How I Do It	Mark W. Pagnano, MD
11:10 a.m.	Discussion and Q&A	Matthew P. Abdel, MD

Working Lunch (11:20 – 11:55 a.m.)

Moderators: Anna R. Cohen-Rosenblum, MD, MSc; Jenna A. Bernstein, MD

11:20 a.m.	Lunch may be picked up outside of the course room. Please return to your seat by 11:35 a.m.	
11:30 a.m.	Randomized Controlled Trials and Balancing: A Statistical Perspective	David C. Landy, MD, PhD
11:35 a.m.	With Great Power Comes Great Responsibility: How to Use Databases	Nathanael D. Heckmann, MD
11:40 a.m.	Survey Studies: Not as Simple as They Seem!	Anna R. Cohen-Rosenblum, MD, MSc
11:45 a.m.	Incorporating Research into a Non-Academic Practice	Jenna A. Bernstein, MD
11:50 a.m.	Discussion/Q&A	Anna R. Cohen-Rosenblum, MD, MSc Jenna A. Bernstein, MD

Didactic Session III: Your Practice (11:55 a.m. – 12:55 p.m.)

Moderator: Nathanael D. Heckmann, MD

11:55 a.m.	Choosing a Fellowship	E. Bailey Terhune, MD
12:05 p.m.	How to Structure Your Practice	Alexander P. Sah, MD
12:15 a.m.	Arthroplasty in the ASC: How to Do it Safely and Successfully	Michael P. Ast, MD
12:25 p.m.	Achieving Work-Life Balance Throughout Your Career	Peter A. Gold, MD
12:35 p.m.	Mastering Boards: It's Never Too Early to Prepare	Sean P. Ryan, MD
12:45 p.m.	Discussion and Q&A	All faculty

Case-Based Session III: Primary THA (12:55 – 1:45 p.m.)

Moderator: Elizabeth B. Gausden, MD, MPH

12:55 p.m.	Case 1: Cemented vs. Cementless THA	Brian P. Chalmers, MD
1:05 p.m.	Case 2: Hip Dysplasia	Anna R. Cohen-Rosenblum, MD, MSc
1:15 p.m.	Case 3: Hip-Spine Relationship	Nathanael D. Heckmann, MD
1:25 p.m.	Case 4: Proximal Femoral Deformity	Kevin I. Perry, MD
1:35 p.m.	Case 5: Post-Traumatic/Retained Hardware	Joshua C. Rozell, MD

Case-Based Session IV: Revision THA (1:45 – 2:45 p.m.)

Moderator: Nathanael D. Heckmann, MD

1:45 p.m.	Case 1: Periprosthetic Joint Infection of the Hip	Alberto V. Carli, MD, MSc
2:00 p.m.	Case 2: The Unstable Hip	Jeremy M. Gililand, MD
2:15 p.m.	Case 3: Periprosthetic Fracture	Elizabeth B. Gausden, MD, MPH
2:30 p.m.	Case 4: Acetabular Bone Loss	Neil P. Sheth, MD

Adjourn (2:45 p.m.)

2:45 p.m.	Course Wrap-Up and Adjourn	Nathanael D. Heckmann, MD Elizabeth B. Gausden, MD, MPH
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