



2025 Resident Arthroplasty Course

Friday, Oct. 24, 2025

6:30 a.m. - 2:10 p.m.

Gaylord Texan Resort & Convention Center

Vineyard Tower – Tate A

Agenda & Meeting Materials

Elizabeth B. Gausden, MD, MPH, Chair

Cameron K. Ledford, MD, Vice Chair

Faculty

Michael P. Ast, MD
Matthew P. Abdel, MD
Vinay K. Aggarwal, MD
Lucas A. Anderson, MD
Matthew S. Austin, MD
Nicholas A. Bedard, MD
Jenna A. Bernstein, MD
Joshua S. Bingham, MD
Alberto V. Carli, MD, MSc
Brian P. Chalmers, MD
Antonia F. Chen, MD, MBA
Anna R. Cohen-Rosenblum, MD, MSc
Eytan M. Debbi, MD, PhD
Kevin B. Fricka, MD

Jeremy M. Gililland, MD
Nathanael D. Heckmann, MD
Jason M. Jennings, MD
Josef Jolissaint, MD
Ryland P. Kagan, MD
Cynthia A. Kahlenberg, MD
Beau J. Kildow, MD
Brett R. Levine, MD, MS
Elizabeth G. Lieberman, MD
Jay R. Lieberman, MD
Katherine E. Mallett, MD
R. Michael Meneghini, MD
Joseph T. Moskal, MD, FACS
Mark W. Pagnano, MD

Colin T. Penrose, 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
Andrew M. Schwartz, MD
Rafael J. Sierra, MD
Sara Shippee Wallace, MD, MPH
Jeffrey B. Stambough, MD
Samuel S. Wellman, MD
Benjamin M. Wooster, MD
Richard S. Yoon, MD

Agenda

Breakfast & Introduction (6:30 a.m. – 7:05 a.m.)

6:30 a.m.	Breakfast	Vineyard Tower – Tate B
7:00 a.m.	Welcome to the 2025 Resident Arthroplasty Course	Elizabeth B. Gausden, MD, MPH, Chair Cameron K. Ledford, MD, Vice Chair

AAHKS Presidential Welcome (7:05-7:10 a.m.)

7:05 a.m.	Introduction to AAHKS Presidential Address	R. Michael Meneghini, MD
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Didactic Session I: Total Knee Arthroplasty (7:10 a.m. – 8:05 a.m.)

Moderator: Cameron K. Ledford, MD

7:10 a.m.	TKA Implant Design and Options	Joshua S. Bingham, MD
7:17 a.m.	Unicompartmental Knee Arthroplasty	Kevin B. Fricka, MD
7:24 a.m.	TKA Balancing and Large Deformities	Matthew S. Austin, MD
7:31 a.m.	Mechanically Aligned Knee: How I Do It	Gregory G. Polkowski II, MD, MSc
7:38 a.m.	Kinematic Knee: How I Do It	Ryland P. Kagan, MD
7:45 a.m.	Robotic Assistance and Computer Navigation in TKA	Vinay K. Aggarwal, MD
7:52 a.m.	Discussion and Q&A	All faculty

Case-Based Session I: Primary TKA (8:05 – 8:55 a.m.)

Moderator: Jenna A. Bernstein, MD

8:05 a.m.	Case 1: Retained Hardware	Cameron K. Ledford, MD
8:15 a.m.	Case 2: Valgus Knee	Samuel S. Wellman, MD
8:25 a.m.	Case 3: Cemented vs. Cementless TKA	Sara Shippee Wallace, MD, MPH
8:35 a.m.	Case 4: Morbid Obesity in TKA	Elizabeth G. Lieberman, MD
8:45 a.m.	Case 5: Extra-Articular Deformity in TKA	Sean P. Ryan, MD

Break (8:55 a.m. – 9:15 a.m.)

Case-Based Session II: Revision TKA (9:15 – 10:27 a.m.)

Moderator: Matthew S. Austin, MD

9:15 a.m.	Case 1: Extensor Mechanism Disruption	Brian P. Chalmers, MD
9:27 a.m.	Case 2: Arthrofibrosis	Nicolas S. Piuze, MD
9:39 a.m.	Case 3: Supracondylar Periprosthetic Fracture	Richard S. Yoon, MD
9:51 a.m.	Case 4: Periprosthetic Joint Infection of the Knee	Antonia F. Chen, MD, MBA
10:03 a.m.	Case 5: Addressing Bone Loss: Metaphyseal	Nicholas A. Bedard, MD

	Fixation	
10:15 am	Case 6: Managing Instability after TKA	Andrew M. Schwartz, MD
Didactic Session II: THA/Hip Preservation (10:27 – 11:30 a.m.) Moderator: Matthew P. Abdel, MD		
10:27 a.m.	Hip Preservation: What I Need to Know	Rafael J. Sierra, MD
10:34 a.m.	Total Hip Arthroplasty Bearing Surfaces	Jay R. Lieberman, MD
10:41 a.m.	Complex Primary Total Hip Arthroplasty	Brett R. Levine, MD, MS
10:48 a.m.	Manual THA: Why and How I Do It	Jason M. Jennings, MD
10:55 a.m.	Robotic THA: Why and How I Do It	Mark W. Pagnano, MD
11:02 a.m.	Anterior Approach: Why and How I Do It	Eytan M. Debbi, MD, PhD
11:09 am	Posterior Approach: Why and How I Do It	Anna R. Cohen-Rosenblum, MD, MSc
11:16 am	Discussion and Q&A	Matthew P. Abdel, MD
All Things Fellowship Panel (11:30 a.m. – 11:50 a.m.) Moderator: Elizabeth B. Gausden, MD, MPH		
11:30 a.m.	All Things Fellowship Panel	Katherine E. Mallett, MD Cynthia A. Kahlenberg, MD Josef Jolissaint, MD Rafael J. Sierra, MD Jenna A. Bernstein, MD Benjamin M. Wooster, MD
Working Lunch: Your Practice (11:50 a.m. – 12:30 p.m.) Moderator: Anna R. Cohen-Rosenblum, MD, MSc		
11:50 a.m.	Arthroplasty in the ASC: How to Do it Safely and Successfully	Michael P. Ast, MD
11:55 a.m.	Achieving Work-Life Balance Throughout Your Career	Lucas A. Anderson, MD
12:00 p.m.	Choosing Your First Job: Academics	Beau J. Kildow, MD
12:05 p.m.	Choosing Your First Job: Private Practice	Colin T. Penrose, MD
12:10 p.m.	Discussion and Q&A	All faculty
Case-Based Session III: Primary THA (12:30 p.m. – 1:20 p.m.) Moderator: Elizabeth B. Gausden, MD, MPH		
12:30 p.m.	Case 1: Cemented vs. Cementless THA	Joseph T. Moskal, MD, FACS
12:40 p.m.	Case 2: Hip Dysplasia	Brett C. Perricelli, MD
12:50 p.m.	Case 3: Hip-Spine Relationship	Nathanael D. Heckmann, MD
1:00 p.m.	Case 4: Proximal Femoral Deformity	Kevin I. Perry, MD
1:10 p.m.	Case 5: Post-Traumatic/Retained Hardware	Joshua C. Rozell, MD
Case-Based Session IV: Revision THA (1:20 p.m. – 2:10 p.m.)		

Moderator: Nathanael D. Heckmann, MD		
1:20 p.m.	Case 1: Periprosthetic Joint Infection of the Hip	Alberto V. Carli, MD, MSc
1:32 p.m.	Case 2: The Unstable Hip	Jeremy M. Gililland, MD
1:44 p.m.	Case 3: Periprosthetic Fracture	Elizabeth B. Gausden, MD, MPH
1:56 p.m.	Case 4: Acetabular Bone Loss	Jeffrey B. Stambough, MD
Adjourn (2:10 p.m.)		
2:10 p.m.	Course Wrap-Up and Adjourn	Elizabeth B. Gausden, MD, MPH Cameron K. Ledford, MD