

Session Number: F

Session Title: Current Research in Joint Replacement

Session Type: Symposium

Location: Ballroom 20B

Date & Time: 12-04-2024, 01:30 pm - 03:00 pm

INSTRUCTORS WHO CONTRIBUTED TO THIS HANDOUT: as of 1/31/2025

Moderator(s):

Adolph V. Lombardi, MD, FAAOS

Faculty:

David A. Crawford, MD, FAAOS

Ronald E. Delanois, MD, FAAOS

Don S. Garbuz, MD, FAAOS, FRCSC

George J. Haidukewych, MD, FAAOS

William G. Hamilton, MD, FAAOS

Carlos A. Higuera Rueda, MD, FAAOS

Claudette M. Lajam, MD, FAAOS

William J. Maloney, MD, FAAOS

Michael A. Mont, MD, FAAOS

Charles L. Nelson, MD, FAAOS

Christopher L. Peters, MD, FAAOS

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AAOS 2025 Symposium F (1.5 Hours)
Current Research in Joint Replacement Roundtable Discussion
Monday, March 10, 2025, 1:30 PM - 3:00 PM • San Diego, California

Moderator: Adolph V. Lombardi, Jr., MD, FACS

Faculty:

1. David A. Crawford, MD
2. Ronald E. Delanois, MD
3. Donald S. Garbuz, MD, FAAOS, FRCSC
4. George J. Haidukewych, MD
5. William G. Hamilton, MD
6. Carlos A. Higuera-Rueda, MD
7. Claudette M. Lajam, MD
8. William J. Maloney, MD
9. Michael A. Mont, MD
10. Charles L. Nelson, MD
11. Christopher L. Peters, MD

Course Outline:

Review of Recent Research – Moderator and all faculty (90 Minutes):

Faculty members will present summaries of recent peer-reviewed research on a variety of topics related to orthopaedic joint replacement. The expert panel will be queried as to their impression of the quality of the research and if it has led to any change in their delivery of care.

1. “What’s New in Orthopaedic Basic Science?” – Michael A. Mont, MD ((5 minutes)
2. “What’s New in Joint Preservation of the Hip and Knee?” – Christopher L. Peters, MD (5 minutes)
3. Discussion #1 (5 minutes)
4. “What’s New in Venous Thromboembolism Risk and Prevention?” – William J. Maloney, III, MD (5 minutes)
5. “What’s New in Orthopaedic Wound Healing and Pain Management?” – Ronald E. Delanois, MD (5 minutes)
6. Discussion #2 (5 minutes)
7. “What’s New in Impact of Mental Health and Social Issues on Orthopaedic Surgeons and Surgery?” – Claudette M. Lajam, MD (5 minutes)
8. “What’s New in Efficiency and Improved Delivery of Care in Orthopaedic Practice?” Adolph V. Lombardi, Jr., MD (5 minutes)
9. Discussion #3 (5 minutes)
10. “What’s New in the Impact of Artificial Intelligence on Orthopaedic Practice?” – David A. Crawford, MD (5 minutes)
11. “What’s New in Teaching Hip and Knee Surgery to Orthopaedic Residents?” – Charles L. Nelson, MD (5 minutes)
12. Discussion #4 (5 minutes)

13. “What’s New in Adult Reconstruction Hip Surgery?” – Donald S. Garbuz, MD, FAAOS, FRCSC (5 minutes)
14. “What’s New in Adult Reconstruction Knee Surgery?” – William G. Hamilton, MD (5 minutes)
15. Discussion #5 (5 minutes)
16. “What’s New in Prevention and Management of Periprosthetic Fractures in Orthopaedic Patients?” – George J. Haidukewych, MD (5 minutes)
17. “What’s New in Infection Control in Orthopaedic Surgery?” – Carlos A. Higuera-Rueda, MD (5 minutes)
18. Discussion #6 (5 minutes)

12 talks @ 5 minutes = 60 minutes; 6 Discussions @ 5 minutes = 30 minutes; Total = 90 minutes

Course Description: (AAOS Max 25 words): Latest research related to orthopaedic hip and knee surgery is reviewed and discussed by panelists, who offer insights and describe resultant changes to clinical practice.

Learning Objectives (AAOS=3, max 250 characters each):

1. Evaluate recent innovative research relevant to total joint arthroplasty guided by experts in the field.
2. Interpret the experiences of thought leaders in the field of joint replacement to determine if changes to scope of practice based on new research should be implemented to enhance delivery of patient care.
3. Identify directions for future research topics to enhance delivery of patient care.

Reason for Participation: A recognized expert with extensive experience in hip and knee arthroplasty who has lectured and published research articles on the topic.

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