

Fourth Annual Hip Joint Course

Treatments for Young Patients with Hip Arthritis
Arthroscopy • Impingement • Anterior Approach •
Resurfacing • MIS Hip

AUGUST 27–29, 2010

~ **Schedule** ~

(as of 8/24/10 v.1)

Marriott Waterfront Hotel
Baltimore, Maryland, United States of America



COURSE DIRECTORS

Michael A. Mont	Baltimore, Maryland
Thomas P. Schmalzried	Los Angeles, California

PROGRAM DIRECTORS

Thorsten M. Seyler	Winston-Salem, North Carolina
Michael G. Zywiell	Toronto, Canada

FACULTY

Harlan C. Amstutz	Los Angeles, California
John Antoniou	Montreal, Canada
Peter Bonutti	Effingham, Illinois
Peter J. Brooks	Cleveland, Ohio
John C. Clohisy	St. Louis, Missouri
Ronald E. Delanois	Baltimore, Maryland
Wolf Drescher	Aachen, Germany
Ludger Gerdesmeyer	Kiel, Germany
Thomas P. Gross	Columbia, South Carolina
Joshua J. Jacobs	Chicago, Illinois
Michael A. Jacobs	Baltimore, Maryland
Riyaz H. Jinnah	Winston-Salem, North Carolina
John M. Keggi	Middlebury, Connecticut
Harpal S. Khanuja	Baltimore, Maryland
Paul Kim	Ottawa, Canada
Young-Jo Kim	Boston, Massachusetts
Stefan W. Kreuzer	Houston, Texas
James C. Kudrna	Glenview, Illinois
Michael Leunig	Zurich, Switzerland
Adolph V. Lombardi, Jr.	New Albany, Ohio
Joel M. Matta	Santa Monica, California
Michael B. Millis	Boston, Massachusetts
Joseph Moskal	Roanoke, Virginia
Ryan M. Nunley	St. Louis, Missouri
Kevin L. Ong	Philadelphia, Pennsylvania
Javad Parvizi	Philadelphia, Pennsylvania
Marc J. Philippon	Vail, Colorado
James B. Richardson	Oswestry, United Kingdom
Emil H. Schemitsch	Toronto, Canada
Jon K. Sekiya	Ann Arbor, Michigan
Andrew J. Shimmin	Melbourne, Australia
Steven A. Stuchin	New York, New York
Ronan B. Treacy	Birmingham, United Kingdom
Robert T. Trousdale	Rochester, Minnesota
Thomas Parker Vail	San Francisco, California
Aiguo Wang	Mahwah, New Jersey
William G. Ward, Sr.	Winston-Salem, North Carolina

Day 1: Friday, August 27, 2010

- 6:00–7:00 Registration and Continental Breakfast *Harborside Foyer*
- 7:00–7:05 Welcome *Harborside Salons D & E*
Jerome P. Reichmister, Chief of Orthopedics, Sinai Hospital of Baltimore
- 7:05–7:15 Course Overview
Michael A. Mont and Thomas P. Schmalzried
- Session 1: Femoroacetabular Impingement (FAI) 1**
Moderator, Thomas Parker Vail
- 7:15–7:25 FAI: What Triggers Hip Damage?
Michael Leunig
- 7:25–7:35 The Pathomechanical Concept of FAI
Thomas Parker Vail
- 7:35–7:45 Clinical Presentation and Decision Making in FAI
John C. Clohisy
- 7:45–7:55 Imaging Studies: Current State of the Art
Young-Jo Kim
- 7:55–8:05 Treatment Algorithm in FAI
Michael Leunig
- 8:05–8:15 Open Treatments for FAI
John C. Clohisy
- 8:15–8:25 Mini Open Arthroscopy for FAI
Javad Parvizi
- 8:25–8:35 Arthroscopic Treatments of Labral Pathology
Marc J. Philippon
- 8:35–8:45 Arthroscopic Treatments of FAI: Femoral Osteochondroplasty
Jon K. Sekiya
- 8:45–8:55 Who Is and Who Is Not a Candidate for Arthroscopic Treatment?
Marc J. Philippon
- 8:55–9:05 Discussion (Open versus Arthroscopic Treatment)

Session 2: Femoroacetabular Impingement 2

Moderator, Marc J. Philippon

- 9:05–9:15 Open Treatment of Pincer FAI
Michael Leunig
- 9:15–9:25 FAI: Arthroscopic Treatment of Pincer Lesions
Jon K. Sekiya
- 9:25–9:35 How I Approach the Young Patient with Hip Pain
Michael B. Millis
- 9:35–9:45 Recognizing the Candidate for Peri-acetabular Osteotomy
Young-Jo Kim
- 9:45–9:55 Deciding on the Optimal Intervention
Michael B. Millis
- 9:55–10:10 Can This Joint Be Saved? (Three Case Presentations)
John C. Clohisy
- 10:10–10:20 Discussion
- 10:20–10:50 Health Break and Visit with Corporate Partners *Harborside Foyer*

Session 3: Anterior Approach

Moderator, Joel M. Matta

Harborside Salons D & E

- 10:50–11:00 Anterior Approach to the Hip: Historical Perspective
Joel M. Matta
- 11:00–11:10 Table Consideration, Patient Decision Making, and Anterior Hip Collaborative Study Group
Joel M. Matta
- 11:10–11:20 How to Pick the Right Patient and Computer Navigation
Stefan W. Kreuzer
- 11:20–11:30 Anterior Approach without Table
John M. Keggi
- 11:30–11:40 Learning Curve—What Did I Learn?
Harpal S. Khanuja
- 11:40–11:50 Tips and Tricks: Anterior Approach
John M. Keggi
- 11:50–12:00 What’s All the Fuss About?
James C. Kudrna

12:00–12:10	Discussion	
Session 4:	Approaches for Hip Resurfacing	
	<i>Moderator, Ronan B. Treacy</i>	
12:10–12:20	Posterior Approach <i>Ronan B. Treacy</i>	
12:20–12:30	Anterolateral Approach <i>Michael A. Jacobs</i>	
12:30–12:40	Mini-Posterior Approach <i>Thomas P. Gross</i>	
12:40–12:50	Direct Anterior Hip Resurfacing with a Specialty Operative Table <i>Stefan W. Kreuzer</i>	
12:50–1:00	Custom Blocks for Hip Resurfacing <i>Emil H. Schemitsch</i>	
1:00–1:10	Resurfacing Outcomes Are Surgeon, Head Size, and Volume Dependent <i>Andrew J. Shimmin</i>	
1:10–1:20	Discussion	
1:20–1:30	Evaluation of Morning Session	
1:30–2:30	<u>Seated Luncheon</u>	<i>Laurel Room</i>
2:30–3:00	Transportation to Cadaver Lab	<i>Hotel Lobby</i>
3:00–4:30	Afternoon Lab Session 1 <ul style="list-style-type: none"> ○ Group A: Arthroscopic Treatment of Femoroacetabular Impingement ○ Group B: Mini Open Treatment of Femoroacetabular Impingement ○ Group C: Anterior Approaches for Total Hips / Hip Resurfacing ○ Group D: Total Hip Arthroplasty via the Posterior Approach / Hip Resurfacing 	<i>Vista Lab</i>
4:30–6:00	Afternoon Lab Session 2 <ul style="list-style-type: none"> ○ Group A: Mini Open Treatment of Femoroacetabular Impingement ○ Group B: Arthroscopic Treatment of Femoroacetabular Impingement ○ Group C: Total Hip Arthroplasty via the Posterior Approach / Hip Resurfacing ○ Group D: Anterior Approaches for Total Hips / Hip Resurfacing 	<i>Vista Lab</i>
6:00–6:30	Transportation to Hotel	

Day 2: Saturday, August 28, 2010

7:00–7:30	<u>Continental Breakfast and Visit with Corporate Partners</u>	<i>Harborside Foyer</i>
7:30–7:40	Announcements	<i>Harborside Salons D & E</i>
Session 5:	Resurfacing 1	
	<i>Moderator, Robert T. Trousdale</i>	
7:40–7:50	From Where Have We Come with Resurfacing? <i>Harlan C. Amstutz</i>	
7:50–8:00	Survivorship of Resurfacing in Patients Younger Than 40 Years: We Do Not Need a Different Bearing <i>Ronan B. Treacy</i>	
8:00–8:10	Epidemiology of Resurfacing in the United States <i>Kevin L. Ong</i>	
8:10–8:20	Patient and National Perceptions of Hip Resurfacing Arthroplasty—What Is the Future? <i>Robert T. Trousdale</i>	
8:20–8:35	Discussion	
Session 6:	Resurfacing 2	
	<i>Moderator, Ronan B. Treacy</i>	
8:35–8:45	Indications for First 3,000 Cases <i>Ronan B. Treacy</i>	
8:45–8:55	My First 100 Cases <i>Harlan C. Amstutz</i>	
8:55–9:05	Review of United States Studies <i>Peter J. Brooks</i>	
9:05–9:15	Appreciating the Learning Curve <i>Ryan M. Nunley</i>	
9:15–9:25	Canadian Experience <i>Paul Kim</i>	
9:25–9:40	Discussion	
9:40–10:10	<u>Health Break and Visit with Corporate Partners</u>	<i>Harborside Foyer</i>

Session 7: Resurfacing 3

Harborside Salons D & E

Moderator, Thomas P. Schmalzried

- 10:10–10:20 Australian Registry Data
Andrew J. Shimmin
- 10:20–10:30 Evaluation of the Painful Hip Resurfacing
John Antoniou
- 10:30–10:40 Comparison Studies of Total Hip Arthroplasty and Resurfacing
Emil H. Schemitsch
- 10:40–10:50 Dealing with Proximal Femoral Fractures around Resurfacing
Michael A. Jacobs
- 10:50–11:00 Hospital Cost Considerations for Resurfacing and Devices
William G. Ward, Sr.
- 11:00–11:10 Case Presentation
Andrew J. Shimmin
- 11:10–11:25 Discussion

Session 8: Knowing Instruments and Implants: Tickets to Success

Moderator, Adolph V. Lombardi, Jr.

- 11:25–11:35 Resurfacing in My Hands
Adolph V. Lombardi, Jr.
- 11:35–11:45 My Learning Curve
Ryan M. Nunley
- 11:45–11:55 Evolution of Resurfacing Instrumentation
Robert T. Trousdale
- 11:55–12:05 Acetabular Component Positioning
Thomas Parker Vail
- 12:05–12:15 Evolution to Computer-Assisted Resurfacing
James C. Kudrna
- 12:15–12:25 Computer-Assisted Resurfacing
Riyaz H. Jinnah
- 12:25–12:35 The Onlay Hip Resurfacing
Ludger Gerdesmeyer
- 12:35–12:50 Discussion

- 12:50–1:00 Evaluation of Morning Session and Friday Afternoon’s Labs
- 1:00–2:30 Lunch on Own
- 2:30–3:00 Transportation to Cadaver Lab *Hotel Lobby*
- 3:00–4:30 Afternoon Lab Session 1 *Vista Lab*
- Group A: Anterior Approaches for Total Hips / Hip Resurfacing
 - Group B: Total Hip Arthroplasty via the Posterior Approach / Hip Resurfacing
 - Group C: Arthroscopic Treatment of Femoroacetabular Impingement
 - Group D: Mini Open Treatment of Femoroacetabular Impingement
- 4:30–6:00 Afternoon Lab Session 2 *Vista Lab*
- Group A: Total Hip Arthroplasty via the Posterior Approach / Hip Resurfacing
 - Group B: Anterior Approaches for Total Hips / Hip Resurfacing
 - Group C: Mini Open Treatment of Femoroacetabular Impingement
 - Group D: Arthroscopic Treatment of Femoroacetabular Impingement
- 6:00–6:30 Transportation to Hotel

- 9:15–9:25 Differential Diagnosis and Treatment of Adverse Reactions
Thomas P. Schmalzried
- 9:25–9:35 Cobalt-Chromium Wear Particles, Corrosion, Corrosion Products, and Cellular Responses (Part I)
Joshua J. Jacobs
- 9:35–9:50 Discussion
- 9:50–10:20 Health Break and Visit with Corporate Partners *Harborside Foyer*
- Session 11: Adverse Effects** *Harborside Salons D & E*
Moderator, Joshua J. Jacobs
- 10:20–10:30 Prosthesis and Head Size Risk Factors: Total Hip Replacement versus Resurfacing
John Antoniou
- 10:30–10:40 Cobalt-Chromium Wear Particles, Corrosion, Corrosion Products, and Cellular Responses (Part II)
Joshua J. Jacobs
- 10:40–10:50 Adverse Local Tissue Reactions after Non-Metal-on-Metal Bearing Interfaces
John Antoniou
- 10:50–11:00 Case Presentation
Andrew J. Shimmin
- 11:00–11:10 Discussion
- Session 12: Minimally Invasive Standard Total Hip Arthroplasty**
Moderator, Stefan W. Kreuzer
- 11:10–11:25 Minimally Invasive Surgery: We Do Need a New Stem
John M. Keggi
- 11:25–11:35 Minimally Invasive Surgery: We Can Use Any Stem
Peter Bonutti
- 11:35–11:45 A Short Stem Concept
Wolf Drescher
- 11:45–11:55 Minimally Invasive Stem Designs
Adolph V. Lombardi, Jr.
- 11:55–12:05 Improving Cup Placement
Joseph Moskal

12:05–12:20 Discussion

12:20–12:30 Evaluation of Morning Session and Saturday Afternoon's Labs

12:30 Meeting Adjourns