Nineteenth Annual

CURRENT CONCEPTS IN JOINT REPLACEMENT®

Spring 2018
The ARIA at CityCenter
Las Vegas, Nevada

May 20 - 23, 2018
A Continuing Medical Education Program

Course Director:
A. SETH GREENWALD, D.PHIL.(OXON)
REGISTRATION: Ironwood Ballroom
6:00p.m. - 8:00p.m. Sunday, May 20
6:30a.m. - 1:00p.m. Monday-Wednesday, May 21-23

SUNDAY, MAY 20, 2018
WELCOME RECEPTION: Ironwood Ballroom
6:00p.m. - 8:00p.m.

MONDAY, MAY 21, 2018
6:30a.m. Buffet Breakfast

Opening Remarks:
7:30 A. Seth Greenwald, D.Phil.(Oxon)

SESSION I – Thomas S. Thornhill, M.D.
Orthopaedic Crossfire® I: Controversies in Shoulder Reconstruction
7:35 Four-Part Fx's in an Active 65-Year-Old: Reverse is the Preferred Treatment
#1 Leesa M. Galatz, M.D. – Affirms
#2 Evan L. Flatow, M.D. – Opposes
7:55 OA in a 60-Year-Old: Stemless Trumps Stemmed Implants
#3 Anthony A. Romeo, M.D. – Affirms
#4 Frank A. Cordasco, M.D. – Opposes
8:15 Severe Glenoid Bone Loss in a 70-Year-Old: Reverse is the Way to Go
#5 John W. Sperling, M.D. – Affirms
#6 Charles M. Jobin, M.D. – Opposes

SESSION II – Leesa M. Galatz, M.D.
Cutting Edge Concepts in Shoulder Management
8:35 #7 Management of Shoulder Arthritis in the Young Adult
Anthony A. Romeo, M.D.
8:40 #8 Biologic Therapies 2018: Facts & Fictions
Frank A. Cordasco, M.D.
8:45 #9 Five Rules to Avoid Neurovascular Injury in TSA
Gerald R. Williams, Jr., M.D.
8:50 #10 Patient Specific Shoulder Instrumentation: Does It Have a Role?
Joseph P. Iannotti, M.D., Ph.D.
8:55 #11 The Emerging Role of the Cementless Glenoid
William H. Seitz, Jr., M.D.
9:00 Discussion

SESSION III – John W. Sperling, M.D.
“Live in Las Vegas”: Shoulder Reconstruction from the
Baptist Memorial Hospital in Collierville, TN
9:20 #12 Reverse TSA with an Augmented Baseplate: Dealing with Glenoid Deficiency
Thomas Throckmorton, M.D. – Surgeon
10:20 Refreshments in the Exhibit Area

SESSION IV – Gerald R. Williams, Jr., M.D.
Complications in Shoulder Arthroplasty: “Dealin’ with Difficulties”
10:40 #13 Diagnosis of Infection: New Tests & Techniques
Joseph P. Iannotti, M.D., Ph.D.
10:45 #14 Managing the Infected Shoulder Arthroplasty
John W. Sperling, M.D.
10:50 #15 Periprosthetic Fx’s: Repair, Replace or Treat Conservatively
William H. Seitz, Jr., M.D.
Avoiding Instability: *Getting the Glenohumeral Version Right*
Evan L. Flatow, M.D.

Complications of Reverse Shoulder Arthroplasty
Charles M. Jobin, M.D.

**SESSION V – Evan L. Flatow, M.D.**

11:25 #18 *What Would YOU do? Challenges in Shoulder Surgery*
Leesa M. Galatz, M.D.
Joseph P. Iannotti, M.D., Ph.D.
Anthony A. Romeo, M.D.
William H. Seitz, Jr., M.D.
Gerald R. Williams, Jr., M.D.

**SESSION VI – Frank A. Cordasco, M.D.**

*Tips, Tidbits & Surgical Pearls: Critical Keys to Success in Shoulder Arthroplasty*
11:55 #19 Top 10 Tips for Glenoid Exposure
Gerald R. Williams, Jr., M.D.
12:01 #20 Latissimus Transfer in Reverse TSA
Leesa M. Galatz, M.D.
12:07 #21 Tenotomy vs. Lesser Tuberosity Osteotomy: *Is There a Right Answer?*
Evan L. Flatow, M.D.
12:13 #22 Activity Limitations After Shoulder Arthroplasty: *Be All You Can Be*
Anthony A. Romeo, M.D.
12:19 #23 Cemented Humeral Component Fixation: *Because It Works*
Charles M. Jobin, M.D.
12:25 Lunch

**SESSION VII – Paul F. Lachiewicz, M.D.**

1:25 #24 Why Total Knee Arthroplasties are Failing Today: *Redux 2018*
Peter F. Sharkey, M.D.

*Orthopaedic Crossfire® II: Controversial Issues in Knee Arthroplasty*

1:35 #25 Posterior Stabilized Knee Designs: *Vestigial Organs*
R. Michael Meneghini, M.D. – *Affirms*
Douglas E. Padgett, M.D. – *Opposes*

1:55 #27 The Cementless Knee: *The Emergent Game Changer*
Kenneth A. Gustke, M.D. – *Affirms*
Thomas S. Thornhill, M.D. – *Opposes*

2:15 #29 Porous Metal Cones: *Optimal Solution for Bone Deficiency*
Robert T. Trousdale, M.D. – *Affirms*

2:15 #30 Thomas P. Sculco, M.D. – *Opposes*

**SESSION VIII – Robert T. Trousdale, M.D.**

*“Live in Las Vegas”: Knee Arthroplasty from the Hospital for Special Surgery in New York, NY*

2:35 #31 Revision Rotating Platform TKA: *A Bone Loss Solution*
Michael B. Cross, M.D. – *Surgeon*

3:35 Refreshments in the Exhibit Area

**SESSION IX – Aaron A. Hofmann, M.D.**

*Management Factorials in Primary Knee Arthroplasty: Ensuring a Winner!*

3:55 #32 Realignment Osteotomy with Cartilage Repair: *Avoiding Arthroplasty*
Allan E. Gross, M.D., F.R.C.S.(C)

4:01 #33 The Custom Total Knee Replacement: *A Bespoke Solution*
Jose A. Rodriguez, M.D.

4:07 #34 Correcting Severe Valgus Deformity: *Taking Out the Knock*
Ashok Rajgopal, F.R.C.S.(Ed), M.S.

4:13 #35 Peri-Operative Pain Management: *Assuring a Happy Patient*
Peter K. Sculco, M.D.
SESSION X – Steven J. MacDonald, M.D., F.R.C.S.(C)

4:51 #38 What Would YOU do? Challenges in Knee Surgery
J. David Blaha, M.D.
Richard E. Jones, M.D.
Ashok Rajgopal, F.R.C.S.(Ed), M.S.
Michael D. Ries, Sc.M., M.D.
Thomas P. Sculco, M.D.

SESSION XI – Fares S. Haddad, M.D., F.R.C.S.

Tips, Techniques & Technologies in Knee Arthroplasty

5:21 #39 A Contained Bone Deficiency Solution: Filling the Void
Peter F. Sharkey, M.D.
5:26 #40 The Use of Instrumented Tibial Trials: Improves Patient Outcomes
Kenneth A. Gustke, M.D.
5:31 #41 Ligament Releases: Are They Necessary with Contemporary Knee Designs?
J. David Blaha, M.D.
5:36 #42 Maximizing Cement Interdigitation During TKA
Richard E. Jones, M.D.
5:41 #43 Techniques for Peri-Articular Injection: No Anesthesiologist Required
Paul F. Lachiewicz, M.D.
5:46 #44 Advancing Suture Technologies in TJA: Stitches in Time
Denis Nam, M.D.
5:51 #45 UKA to TKA: A Modular Revision Approach
Keith R. Berend, M.D.
5:56 #46 Exposure Options in Revision TKA
Douglas E. Padgett, M.D.
6:01 #47 Extensor Mechanism Repair: A Synthetic Mesh Solution
Rafael J. Sierra, M.D.
6:06 #48 Implant Extraction in Revision Knee Arthroplasty
Adolph V. Lombardi, Jr., M.D.
6:11 #49 Trabecular Metal Cones for Severe Bone Loss
Ashok Rajgopal, F.R.C.S.(Ed), M.S.

EXHIBITORS’ RECEPTION: Ironwood Ballroom
6:30p.m. – 7:30p.m.

SESSION XII – Allan E. Gross, M.D., F.R.C.S.(C)

7:30 #50 Walking With Giants® Ask the Experts
- Participant-Presented Problem Cases
Adolph V. Lombardi, Jr., M.D.
Wayne G. Paprosky, M.D.
Aaron G. Rosenberg, M.D.
Thomas S. Thornhill, M.D.

8:30 Adjournment

TUESDAY, MAY 22, 2018
6:30a.m. Buffet Breakfast

SESSION XIII – Jose A. Rodriguez, M.D.

Problems After Knee Arthroplasty: Things That Go “Bump in the Night”

7:30 #51 The Post-Operative Painful Knee: Diagnosis & Remedy
Robert L. Barrack, M.D.
SESSION XIV – R. Michael Meneghini, M.D.
“Live in Las Vegas”: Knee Arthroplasty from the Duke University Hospital in Durham, NC

8:26 #57 Cementless, Ultra-Congruent, E-Poly TKA
    Michael P. Bolognesi, M.D. – Surgeon
9:26 Refreshments in the Exhibit Area

SESSION XV – Leo A. Whiteside, M.D.
The Infected Knee Arthroplasty: Drugs, Bugs, & Solution Options

9:46 #58 Minimizing Infection Risk: The Factors Influencing
    Edwin P. Su, M.D.
9:52 #59 Diagnosing PJI: A Step-by-Step Evaluation Protocol
    Craig J. Della Valle, M.D.
9:58 #60 Debride & Retain: An Emerging First Course of Intervention
    Fares S. Haddad, M.D., F.R.C.S.
10:04 #61 An “Inadvertent” One Stage Solution
    Donald S. Garbuz, M.D., F.R.C.S.(C)
10:10 #62 The Two Stage Standard: Techniques, Timing & Statistics
    Aaron A. Hofmann, M.D.
10:16 Discussion

SESSION XVI – Wayne G. Paprosky, M.D.
Revision Knee Arthroplasty: Doin’ the Right Thing

10:36 #63 Planning Your Next Revision: Step-by-Step
    Douglas E. Padgett, M.D.
10:42 #64 The Stiff Knee: When is Revision the Solution?
    Jose A. Rodriguez, M.D.
10:48 #65 The Unstable Knee: Manifestations, Reasons & Corrective Actions
    Michael D. Ries, Sc.M., M.D.
10:54 #66 Peri-Prosthetic Fx’s: Repair or Replace
    George J. Haidukewych, M.D.
11:00 #67 Bone Loss Management in Revision TKA
    David G. Lewallen, M.D.
11:06 #68 The Optimal Use of Stems in the Revision TKA
    Kenneth A. Gustke, M.D.
11:12 Discussion

SESSION XVII – Aaron G. Rosenberg, M.D.
Hip & Knee Arthroplasty 2018: What’s New, What’s True,
Does it Matter? Evidence Based Issues

11:32 #69
    Donald S. Garbuz, M.D., F.R.C.S.(C)
    George J. Haidukewych, M.D.
    Joshua J. Jacobs, M.D.
    Steven J. MacDonald, M.D., F.R.C.S.(C)
    Denis Nam, M.D.

12:02 #70 OREF/CCJR Clinical Award Paper
12:12  Lunch

SESSION XVIII – Michael D. Ries, Sc.M., M.D.
“Live in Las Vegas”: Primary Knee Arthroplasty from the St. Luke’s Medical Center in Phoenix, AZ

1:12 #71  A Robotic, Bicruciate Retaining TKA: The Shape of Things to Come
James C. Chow, M.D. – Surgeon

SESSION XIX – Keith R. Berend, M.D.
2:12 #72  Outpatient Surgery: Emergent Standard of Care for Primary TJA Patients?
Craig J. Della Valle, M.D.

Hip Arthroplasty: A Potpourri of Management Issues
2:22 #73  Early Prophylactic Intervention: Avoiding or Deferring Arthroplasty?
Gwo-Chin Lee, M.D.
2:28 #74  Cemented Femoral Fixation: When is It the Right Choice?
Rafael J. Sierra, M.D.
2:34 #75  Evolution of the Cementless Anatomic Stem: Risks & Rewards
Thorsten Gehrke, M.D.
2:40 #76  Obesity & Comorbidity: Are Patient Outcomes Affected?
Richard E. Jones, M.D.
2:46 #77  THA for Dysplasia: Surgical Issues
Allan E. Gross, M.D., F.R.C.S.(C)
2:52 #78  Osteonecrosis: Early & Late Stage Solutions
Jay R. Lieberman, M.D.
2:58 #79  Peri-Prosthetic Fx’s: Classification & Treatment Algorithm
C. Anderson Engh, Jr., M.D.
3:04  Discussion
3:24  Refreshments in the Exhibit Area

SESSION XX – Daniel J. Berry, M.D.
3:44 #80  Performing a Primary Hip Arthroplasty
Craig J. Della Valle, M.D.
Stephen B. Murphy, M.D.
Thomas P. Schmalzried, M.D.
Peter F. Sharkey, M.D.

SESSION XXI – William G. Hamilton, M.D.
“Live in Las Vegas”: Primary Hip Arthroplasty from the Steadman Clinic in Vail, CO

4:14 #81  Optimizing the Anterior Approach through Advancing Technologies
Joel M. Matta, M.D. – Surgeon

SESSION XXII – William J. Maloney III, M.D.
Orthopaedic Crossfire® III: Re-Examining Knee & Hip Arthroplasty Technologies
5:14  The Cemented All Poly Tibia: Regardless of Age & BMI
#82  David G. Lewallen, M.D. – Affirms
#83  Aaron A. Hofmann, M.D. – Opposes
5:34  Simultaneous Bilateral Anterior Hips: Double Trouble
#84  Matthew P. Abdel, M.D. – Affirms
#85  William G. Hamilton, M.D. – Opposes
5:54  Dual Mobility: “Everyman’s” Choice for High Risk & Recurrent Dislocation
#86  Paul F. Lachiewicz, M.D. – Affirms
#87  Thomas P. Sculco, M.D. – Opposes
6:14  Adjournment
WEDNESDAY, MAY 23, 2018

6:30a.m. Buffet Breakfast

SESSION XXIII – Daniel J. Berry, M.D.
Orthopaedic Crossfire® IV: Is The Increasing Use of Ceramics in THA Justified?
7:30 Ceramic Heads Should Be Used in All Patients
#88 Donald S. Garbuz, M.D., F.R.C.S.(C) – Affirms
#89 C. Anderson Engh, Jr., M.D. – Opposes
7:50 Ceramic-Ceramic: Articulations of Longevity for the Young Active Patient
#90 Gwo-Chin Lee, M.D. – Affirms
#91 Steven J. MacDonald, M.D., F.R.C.S.(C) – Opposes
8:10 Ceramics Decrease the Incidence of Peri-Prosthetic Joint Infection
#92 Thorsten Gehrke, M.D. – Affirms
#93 Robert L. Barrack, M.D. – Opposes

SESSION XXIV – Thomas P. Schmalzried, M.D.
Optimal Cup Placement: Helping Assure the Longevity of THA
8:30 #94 Pelvis & Spine Relationships: What Every Hip Surgeon Should Know
Denis Nam, M.D.
8:36 #95 The Limited Reliability of the “Safe Zone”
Matthew P. Abdel, M.D.
8:42 #96 A Handheld Navigation Solution: Ensuring the Sweet Spot
Edwin P. Su, M.D.
8:48 #97 Optimizing Leg Length & Cup Position: A Surgical Smart Tool
Allan E. Gross, M.D., F.R.C.S.(C)
8:54 #98 Intra-Op Imaging Assures Pre-Op Cup & Stem Position Planning
Robert L. Barrack, M.D.
9:00 #99 Abductor Deficiency: The Importance of Surgical Approach
Leo A. Whiteside, M.D.
9:06 Discussion

SESSION XXV – William J. Maloney III, M.D.
9:26 #100 What Would YOU do? Challenges in Hip Surgery
C. Anderson Engh, Jr., M.D
Fares S. Haddad, M.D., F.R.C.S.
Wayne G. Paprosky, M.D.
Peter K. Sculco, M.D.
Rafael J. Sierra, M.D.
9:56 Refreshments in the Exhibit Area

SESSION XXVI – Douglas E. Padgett, M.D.
10:16 #101 Operating Room Efficiencies During TJA: Be All They Can Be
Adolph V. Lombardi, Jr., M.D.

The Revision Femur: A Potpourri of Options
10:26 #102 The Painless & Painful MOM Articulation: A Simple Algorithm
Steven J. MacDonald, M.D., F.R.C.S.(C)
10:32 #103 Classifying Femoral Bone Deficiency: Picking the Right Tool for the Job
Wayne G. Paprosky, M.D.
10:38 #104 Cemented Stems in Revision 2018: What is Their Place?
Fares S. Haddad, M.D., F.R.C.S.
10:44 #105 Monoblock or Modular Stems: Variables of Surgeon, Pathology & Outcome
Daniel J. Berry, M.D.
10:50 Discussion

SESSION XXVII – David G. Lewallen, M.D.
The Revision Acetabulum
11:10 #106 Peri-Acetabular Osteolysis: Is this Yesterday’s Problem?
William J. Maloney III, M.D.
11:16 #107  The Jumbo Cup: Cementless Solution for Acetabular Bone Loss
        Thomas P. Schmalzried, M.D.
11:22 #108  Porous Tantalum Acetabular Augments: When a Jumbo Cup Won’t Work
        George J. Haidukewych, M.D.
11:28 #109  The Triflange Cup: Worth the Wait!
        Keith R. Berend, M.D.
11:34 #110  Pelvic Discontinuity: Management Options
        Matthew P. Abdel, M.D.
11:40  Discussion

SESSION XXVIII – Jay R. Lieberman, M.D.
Tips, Tidbits & Techniques in Hip Reconstruction
12:00 #111  The Superior Hip Approach: Maximizing Clinical Outcome, Minimizing Cost
        Stephen B. Murphy, M.D.
12:05 #112  Anterior-Based Muscle Sparing THA Approach
        Kenneth A. Gustke, M.D.
12:10 #113  Table Mounted Retraction System: A Tireless Surgical Assistant
        Edwin P. Su, M.D.
12:15 #114  Cementing with the Direct Anterior Approach
        Jose A. Rodriguez, M.D.
12:20 #115  Hip Fusion Takedown: Why & How
        Daniel J. Berry, M.D.
12:25 #116  Revision THA: A Direct Lateral Osteotomy Approach
        David G. Lewallen, M.D.
12:30 #117  Removing a Well-Fixed Acetabular Component: Blade Runner 2018
        Paul F. Lachiewicz, M.D.
12:35 #118  Removal of Extensively Porous Coated Stems
        C. Anderson Engh, Jr., M.D.
12:40 #119  Avoiding Your Next ETO: An Alternative for Femoral Component Removal
        Thorsten Gehrke, M.D.
12:45 #120  Salvaging a Well-Ingrown Late Onset Infected THA
        Leo A. Whiteside, M.D.
12:50 #121  Intra-Articular Hip Spacers for Infection: Fabrication & Use
        Peter K. Sculco, M.D.
12:55  Closure

CLOSING RECEPTION: Ironwood Ballroom
1:05p.m. - 1:55p.m.