The continued education program

present

CURRENT CONCEPTS IN JOINT REPLACEMENT®

Thirty-Sixth Annual

Winter 2019

Hyatt Regency Grand Cypress
Orlando, Florida

December 11 - 14, 2019
A Continuing Medical Education Program

Course Director:
A. SETH GREENWALD, D.PHIL.(OXON)
REGISTRATION: Grand Cypress Ballroom Foyer
6:00p.m. - 8:00p.m. Wednesday, December 11
6:30a.m. - 1:00p.m. Thursday-Saturday, December 12 - 14

WEDNESDAY, DECEMBER 11, 2019
EXHIBITOR BIOSKILLS & SATELLITE EVENTS
3:30p.m. - 5:30p.m.

WELCOME RECEPTION: Grand Cypress Ballroom
6:00p.m. - 8:00p.m.

THURSDAY, DECEMBER 12, 2019
6:30a.m. Buffet Breakfast

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

SESSION I – Daniel J. Berry, M.D., M.D.
7:35 #1 Is the Past Prologue? Ethics, Economics & Electronics
    Robert E. Booth, Jr., M.D.
Orthopaedic Crossfire® I: Emerging & Re-Emerging TJA Technologies
7:45 #2 Rise of the Machines: A Robotic TJA is in Your Future
    Fares S. Haddad, M.D., F.R.C.S. – Affirms
#3 Steven J. MacDonald, M.D., F.R.C.S.(C) – Opposes
8:05 Outpatient TJA Surgery: The Best Sum of All Things
    Craig J. Della Valle, M.D. – Affirms
#5 Alejandro Gonzalez Della Valle, M.D. – Opposes
8:25 The Superiority of Surface Replacement: Res Ipsa Loquitor
    Robert L. Barrack, M.D. – Affirms
#7 Stephen A. Jones, M.B., F.R.C.S. – Opposes

SESSION II – C. Anderson Engh, Jr., M.D.
Primary Hip Replacement: What Works & for Whom?
8:45 #8 The Biomechanics of Primary THA
    R. Michael Meneghini, M.D.
8:51 #9 Polyethylene: Will Today’s Material Outlive its TJA Patient?
    William J. Maloney III, M.D.
8:57 #10 Ceramic Heads Should Be Used in All Patients: A Gold Standard Choice
    Donald S. Garbuz, M.D., F.R.C.S.(C)
9:03 #11 Cemented Femoral Fixation: Optimal Hybrid Solution
    Jose A. Rodriguez, M.D.
9:09 #12 Not All Cementless Stems are Created Equal: Types, Indications & Outcomes
    Thomas P. Schmalzried, M.D.
9:15 #13 The Dual Mobility Cup: A Personal Experience of Primary Use
    Thomas P. Sculco, M.D.
9:21 Discussion

SESSION III – George J. Haidukewych, M.D.
Fractures About the Hip: The Confounding, Curious & Commonplace
9:41 #14 Benchmarking Femoral Neck Fx’s 2019: Current Management
    Bryan D. Springer, M.D.
9:47 #15 When ORIF of Proximal Femoral Fx’s Fails: Salvage Options
    Douglas E. Padgett, M.D.
9:53 #16 Acetabular Fx’s in the Young & Elderly
    William G. Hamilton, M.D.
9:59 #17 Metastatic Femoral Disease: Principles of Management
    Javad Parvizi, M.D., F.R.C.S.
SESSION IV – Robert T. Trousdale, M.D.
Orthopaedic Crossfire® II: Controversial Issues in Hip Arthroplasty
11:07 Refusal to Treat the High Risk TJA Patient: “Shame on You”
#20 R. Michael Meneghini, M.D. – Affirms
#21 Fares S. Haddad, M.D., F.R.C.S. – Opposes
11:27 The Importance of the Pelvic-Spine Relationship: Much Ado About Nothing!
#22 Richard W. McCalden, M.D., F.R.C.S.(C) – Affirms
#23 Douglas A. Dennis, M.D. – Opposes
11:47 The Anterior Approach: Emergent Exposure for ALL THA Patients
#24 William G. Hamilton, M.D. – Affirms
#25 Bryan D. Springer, M.D. – Opposes

SESSION V – Keith R. Berend, M.D.
12:07 #26 Dispelling Dogma: The End of Magical Thinking
Paul F. Lachiewicz, M.D.
William J. Maloney III, M.D.
R. Michael Meneghini, M.D.
Jose A. Rodriguez, M.D.
12:37 #27 OREF/CCJR Clinical Award Paper
12:47 Lunch

SESSION VI – Jay R. Lieberman, M.D.
1:47 #28 The Paradigms of Surgeon Training: See One, Do One, Teach One?
Kenneth A. Gustke, M.D.
The Difficult Primary: Pathologies that Bedevil
1:57 #29 Early Hip Degeneration: Avoiding or Deferring Arthroplasty
Robert T. Trousdale, M.D.
2:03 #30 THA in Hip Dysplasia: Effectively Managing the Technical Challenges
Daniel J. Berry, M.D.
2:09 #31 Neuromuscular Imbalance: THA Now an Option
Matthew J. Kraay, M.D.
2:15 #32 The Down Syndrome Patient: Improving Quality of Life
Allan E. Gross, M.D., F.R.C.S.(C)
2:21 #33 Acetabular Protrusio: Avoiding the Deep
Arun Mullaji, F.R.C.S.(Ed), M.S.
2:27 #34 Osteonecrosis: THA, Now the Procedure of Choice
Michael A. Mont, M.D.
2:33 Discussion

SESSION VII – Steven J. MacDonald, M.D., F.R.C.S.(C)
2:53 #35 What Would YOU do? Challenges in Hip Surgery
Gwo-Chin Lee, M.D.
Jay R. Lieberman, M.D.
Denis Nam, M.D.
Douglas E. Padgett, M.D.
Aaron G. Rosenberg, M.D.

SESSION VIII – Allan E. Gross, M.D., F.R.C.S.(C)
Hip Arthroplasty: Avoiding Pitfalls & Managing Problems
3:23 #36 Proximal Femoral Deformity: Accommodating Nature’s Twist
Edwin P. Su, M.D.
3:29 #37 Peri-Operative Pain Management: Assuring a Happy Patient
Gwo-Chin Lee, M.D.
3:35 #38 Hip Instability: Classification & Management  
   Aaron G. Rosenberg, M.D.
3:41 #39 Blood Conservation Strategies: The Impact of TXA  
   Thomas P. Schmalzried, M.D.
3:47 #40 DVT Prophylaxis: “Think of the Old Aspirin”  
   Javad Parvizi, M.D., F.R.C.S.
3:53 #41 Hip Abductor Deficiency: Difficult to Diagnose & Treat  
   Denis Nam, M.D.
3:59 Discussion

EXHIBITORS’ RECEPTION: Grand Cypress Ballroom
4:20 p.m. - 5:30 p.m.

FOCUSED FACULTY-PARTICIPANT BREAKOUTS
Intimate, concurrent sessions for CCJR participants to directly interact with faculty experts.
Seating is limited and on a first-come, first-served basis.
5:30 p.m. - 6:30 p.m.

Palm
SESSION IX – Daniel J. Berry, M.D.
5:30 #42 Primary Hip Reconstruction  
   James A. Browne, M.D.
   Stephen A. Jones, M.B., F.R.C.S.
   Richard W. McCalder, M.D., F.R.C.S.(C)
   Stephen B. Murphy, M.D.

Poinciana
SESSION X – William J. Maloney III, M.D.
5:30 #43 Performing a Primary TKA: A Day in the Life of…  
   Kenneth A. Gustke, M.D.
   Matthew J. Kraay, M.D.
   Thomas P. Sculco, M.D.
   Leo A. Whiteside, M.D.

Magnolia
SESSION XI – Robert L. Barrack, M.D.
5:30 #44 Patient Dissatisfaction Following TKA  
   Robert E. Booth, Jr., M.D.
   Craig J. Della Valle, M.D.
   Donald S. Garbuz, M.D., F.R.C.S.(C)
   Aaron G. Rosenberg, M.D.
6:30 Adjournment

FRIDAY, DECEMBER 13, 2019
6:30 a.m. Buffet Breakfast

SESSION XII – Robert L. Barrack, M.D.
The Enigma of Acetabular Cup Placement: Solution Options
7:30 #45 The Limited Reliability of the “Safe Zone”  
   Mark W. Pagnano, M.D.
7:36 #46 Robotic-Assisted Cup Placement: Delivering the Patient-Specific Plan  
   Fares S. Haddad, M.D., F.R.C.S.
7:42 #47 Computer-Assisted Navigation: Hitting the Pre-Operative Target  
   Wayne G. Paprosky, M.D.
7:48 #48 Intra-Op Imaging Assures Pre-Op Cup & Stem Position Planning  
   James A. Browne, M.D.
7:54 #49 A Handheld Navigation Solution: Ensuring the Sweet Spot  
   Edwin P. Su, M.D.
8:00 #50 The Use of Smart Tool Technology: Improving Cup Position  
   Stephen B. Murphy, M.D.
8:06 Discussion
SESSION XIII – Paul F. Lachiewicz, M.D.
8:26 #51 Bone Grafts & Their Substitutes: Understanding the Three O’s
Denis Nam, M.D.

The Revision Femur
8:36 #52 The Painful THA: Causalities & Cures
Steven J. MacDonald, M.D., F.R.C.S(C)
8:42 #53 Classifying Femoral Bone Deficiency: Choosing the Right Implant
Wayne G. Paprosky, M.D.
8:48 #54 Cemented Stems in Revision 2019: What Problems Can They Solve?
Stephen A. Jones, M.B., F.R.C.S.
8:54 #55 The Non-Modular, Tapered, Fluted Stem: Our Go-to Solution
Donald S. Garbuz, M.D., F.R.C.S.(C)
9:00 #56 The Modular Stem: The Right Implant for the Difficult Revision
Adolph V. Lombardi, Jr., M.D.
9:06 Discussion

SESSION XIV – David G. Lewallen, M.D.
The Revision Acetabulum: A Tolerance for Chaos
9:26 #57 Exposure Options: That’s How the Journey Begins
Wayne G. Paprosky, M.D.
9:32 #58 The Jumbo Cup: Cementless Solution for Acetabular Bone Loss
Paul F. Lachiewicz, M.D.
9:38 #59 Porous Metal Augments: When the Jumbo Cup Isn’t Enough
Richard W. McCalden, M.D., F.R.C.S.(C)
9:44 #60 Impaction Grafting Cement Alternative: Recreating a Contained Defect
Alejandro Gonzalez Della Valle, M.D.
9:50 #61 The Custom Triflange Cup: Build It & They Will Wait
C. Anderson Engh, Jr., M.D.
9:56 #62 The Role of Cages: Lord of the Ring
Allan E. Gross, M.D., F.R.C.S.(C)
10:02 Discussion
10:22 Refreshments in the Exhibit Area

SESSION XV – Daniel J. Berry, M.D.
Orthopaedic Crossfire III: Re-Examining Hip & Knee Arthroplasty Technologies
10:52 The Dual Mobility Cup: First Choice for the Recurrent Dislocator
#63 Matthew P. Abdel, M.D. – Affirms
#64 R. Michael Meneghini, M.D. – Opposes
11:12 The PCL in Contemporary TKA: A Vestigial Organ
#65 Douglas E. Padgett, M.D. – Affirms
#66 Keith R. Berend, M.D. – Opposes
11:32 The Cementless Tibia: Emergent Game Changer
#67 Mark W. Pagnano, M.D. – Affirms
#68 Thomas P. Sculco, M.D. – Opposes

SESSION XVI – Aaron G. Rosenberg, M.D.
11:52 #69 Hip & Knee Arthroplasty 2019: What’s New, What’s True, Does it Matter? Evidence Based Issues
William G. Hamilton, M.D.
Aaron A. Hofmann, M.D.
Joshua J. Jacobs, M.D.
Bassam A. Masri, M.D., F.R.C.S.(C)
Michael A. Mont, M.D.
12:22 Lunch
SESSION XVII – Thomas P. Schmalzried, M.D.
1:22 #70 Why Knees Fail: Recognizing Causality Leads to Avoidance
    Robert E. Booth, Jr., M.D.

Compartmental Knee Disease: Solution Options
1:32 #71 Medical Management of the Arthritic Patient: Keeping Boomers in the Game
    Jay R. Lieberman, M.D.
1:38 #72 Realignment Osteotomy With Cartilage Repair: Avoiding Arthroplasty
    Allan E. Gross, M.D., F.R.C.S.(C)
1:44 #73 The Medial Uni-Compartment Alternative: Fixed or Mobile?
    Arun Mullaji, F.R.C.S.(Ed), M.S.
1:50 #74 The Lateral Uni: You Can Also Go Outside
    Michael E. Berend, M.D.
1:56 #75 Isolated Patello-Femoral Arthritis: A Third Compartment Solution
    Alejandro Gonzalez Della Valle, M.D.
2:02 #76 The Tri-Compartment Solution: Just Read the Literature
    Jose A. Rodriguez, M.D.

2:08 Discussion

SESSION XVIII – Gwo-Chin Lee, M.D.
Management Factorials in Primary TKA: Ensuring a Winner!
2:28 #77 Prior & Acute Tibial Plateau Fx’s: When is TKA an Option?
    George J. Haidukewych, M.D.
2:34 #78 O.R. Efficiency: A Whiteboard Approach
    Michael E. Berend, M.D.
2:40 #79 Deformity Correction: Getting It Straight
    Arun Mullaji, F.R.C.S.(Ed), M.S.
2:46 #80 The Role of the Tourniquet in 2019
    Mark W. Pagnano, M.D.
2:52 #81 Irrigation Options in TJA: Are They Worth the Candle?
    Craig J. Della Valle, M.D.
2:58 #82 Reducing Opioid Use: An Ongoing Concern
    Matthew J. Kraay, M.D.

3:04 Discussion

SESSION XIX – Kelly G. Vince, M.D., F.R.C.S.(C)
3:24 #83 What Would YOU Do? Challenges in Knee Surgery
    Douglas A. Dennis, M.D.
    Thorsten Gehrke, M.D.
    Steven B. Haas, M.D.
    Steven J. MacDonald, M.D., F.R.C.S.(C)
    Giles R. Scuderi, M.D.

3:54 Refreshments in the Exhibit Area

SESSION XX – William J. Maloney III, M.D.
Orthopaedic Crossfire® IV: Controversies in Knee Arthroplasty
4:24 Mechanical Alignment Optimizes Patient Outcome
    #84 Giles R. Scuderi, M.D. – Affirms
    #85 Robert L. Barrack, M.D. – Opposes
4:44 The Cemented All Poly Tibia: Regardless of Age & BMI
    #86 Robert T. Trousdale, M.D. – Affirms
    #87 Adolph V. Lombardi, Jr., M.D. – Opposes
5:04 Patella Resurfacing: Rarely, If Ever Necessary
    #88 Keith R. Berend, M.D. – Affirms
    #89 Peter J. Brooks, M.D., F.R.C.S.(C) – Opposes

SESSION XXI – Thorsten Gehrke, M.D. & Javad Parvizi, M.D., F.R.C.S.
Periprosthetic Joint Infection (PJI): Drugs, Bugs & Solution Options
5:24 #90 Infection Prevention: 12 Modifiable Risk Factors
    Bryan D. Springer, M.D.
5:30 #91 Diagnosing PJI: A Step-by-Step Evaluation
    Craig J. Della Valle, M.D.
5:36 #92  DAIR: An Emerging Alternative for PJI
    Fares S. Haddad, M.D., F.R.C.S.
5:42 #93  Single-Stage Exchange: What the Registries Tell Us
    Stephen A. Jones, M.B., F.R.C.S.
5:48 #94  Maintaining Intra-Articular Antibiotic Concentration: Catheter Infusion
    Leo A. Whiteside, M.D.
5:54 #95  The Two-Stage Standard: Techniques, Timing & Statistics
    Matthew P. Abdel, M.D.

6:00  Discussion
6:20  Adjournment

EXHIBITOR SYMPOSIA & BIOSKILLS
6:20p.m. - 8:20p.m.

SATURDAY, DECEMBER 14, 2019
6:30a.m.  Buffet Breakfast

SESSION XXII – Adolph V. Lombardi, Jr., M.D.
7:30 #96  Big Data: The Where, the What & the How
    James A. Browne, M.D.

Problems After Knee Arthroplasty: “Things that go Bump in the Night”
7:40 #97  Managing Wound Complications: A Knee is Not a Hip
    Michael A. Mont, M.D.
7:46 #98  Recurrent Haemarthrosis: Raining on Your Parade
    Joshua J. Jacobs, M.D.
7:52 #99  The Unstable Knee: Manifestations, Reasons & Corrective Actions
    Kelly G. Vince, M.D., F.R.C.S(C)
7:58 #100  The Stiff Knee: Causes & Cures
    Aaron A. Hofmann, M.D.
8:04 #101  The Extensor Mechanism: Problems & Solutions
    Giles R. Scuderi, M.D.

8:10 #102  Peri-Prosthetic Femoral Frx’s: When to Repair or Replace
    George J. Haidukewych, M.D.

8:16  Discussion

SESSION XXIII – Aaron A. Hofmann, M.D.
Orthopaedic Crossfire® V: Further Controversies in Knee Arthroplasty
8:36  The Medial Stabilized Knee: The Emerging Choice for TKA
    #103  Steven B. Hass, M.D. – Affirms
    #104  William G. Hamilton, M.D. – Opposes
8:56  Metaphyseal Sleeves for Tibial & Femoral Bone Loss: Overutilized & Expensive
    #105  Robert E. Booth, Jr., M.D. – Affirms
    #106  Robert T. Trousdale, M.D. – Opposes

9:16  Cemented Stems: A Requisite in Revision TKA
    #107  David G. Lewallen, M.D. – Affirms
    #108  Kelly G. Vince, M.D., F.R.C.S.(C) – Opposes

SESSION XXIV – Bassam A. Masri, M.D., F.R.C.S.(C)
9:36 #109  Bone Loss Management in Revision TKA: A Potpourri of Options
    David G. Lewallen, M.D.

Revision Knee Arthroplasty: Doin’ the Right Thing
9:46 #110  Planning your Next Revision: Fortune Favors the Prepared Mind
    C. Anderson Engh, Jr., M.D.
9:52 #111  Exposure Options: Factors Dictating the Pathway
    Kelly G. Vince, M.D., F.R.C.S(C)
9:58 #112  Implant Extraction: Proceed with Caution
    Adolph V. Lombardi, Jr., M.D.
10:04 #113  UKA to TKA Conversion: Is It as Good as a Primary TKA?
    Michael E. Berend, M.D.
10:10 #114 The Hinge: *A Lifesaving Solution in Septic Revision*
   Thorsten Gehrke, M.D.
10:16 #115 The Multiply Operated Patient: *A Long Day's Journey into Night*
   Richard E. Jones, M.D.
10:22 Discussion
10:42 Refreshments in the Exhibit Area

SESSION XXV – Alejandro Gonzalez Della Valle, M.D.
*Tips, Techniques & Technologies in Knee & Hip Reconstruction: “A Baker's Dozen”*
11:12 #116 The Value of Allergy Testing: *Optimizing Prophylaxis Selection*
   David G. Lewallen, M.D.
11:18 #117 Pharmaco-Genetics: *Personalizing Pain Management*
   William G. Hamilton, M.D.
11:24 #118 Smart Trials: *Taking Soft Tissue Balancing from an Art to a Science*
   Kenneth A. Gustke, M.D.
11:30 #119 Avoiding Patella Clunk & Crepitus: *Running Silent*
   Steven B. Haas, M.D.
11:36 #120 Maximizing Cement Interdigitation During TKA
   Richard E. Jones, M.D.
11:42 #121 The Red Knee: *A Martian Nightmare!*
   Douglas A. Dennis, M.D.
11:48 #122 Polyethylene Insert Exchange: *Why & How*
   Bassam A. Masri, M.D., F.R.C.S.(C)
11:54 #123 Intra-Articular Spacer Options for Infection: *Which for What*
   Aaron A. Hofmann, M.D.
12:00 #124 A Table Mounted Retraction System: *Reducing the O.R. Cost Burden*
   Edwin P. Su, M.D.
12:06 #125 Surface Replacement Redux: *Avoiding the Pitfalls*
   Peter J. Brooks, M.D., F.R.C.S.(C)
12:12 #126 The Modular Tapered Fluted Stem: *A Choreographed Surgical Approach*
   Matthew P. Abdel, M.D.
12:18 #127 Overcoming Abductor Deficiency: *A Posterior Approach*
   Leo A. Whiteside, M.D.
12:24 #128 Easiest Way to Treat Recurrent Dislocation: *Just Change the Head*
   Thorsten Gehrke, M.D.
12:30 Closure