CURRENT CONCEPTS IN JOINT REPLACEMENT®

Spring 2017
The ARIA at CityCenter
Las Vegas, Nevada

May 21 - 24, 2017
A Continuing Medical Education Program

Featuring 3 Interactive “LIVE SURGERIES”

Course Director:
A. SETH GREENWALD, D.PHIL.(OXON)
FACULTY

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Phoenix, Arizona

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University of Michigan
Ann Arbor, Michigan

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University of Iowa
Iowa City, Iowa

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George J. Haidukewych, M.D.
Orlando Health Orthopedic Institute
Orlando, Florida

William G. Hamilton, M.D.
Anderson Orthopaedic Research Institute
Alexandria, Virginia

Aaron A. Hofmann, M.D.
Hofmann Arthritis Institute
Salt Lake City, Utah
**LEARNING OBJECTIVES**

As a result of attending this CME program, the participant will be able to:

- Appraise evolving surgical techniques and implant technologies through didactic and interactive live presentation as well as evaluate early and long-term clinical outcomes.
- Identify problems and concerns relevant to hip, knee, and shoulder arthroplasty including polyethylene wear, taper corrosion, short- and long-term tissue response, inter-component failure, and peri-prosthetic fracture.
- Discuss optimal clinical application of current and evolving fixation techniques in primary and revision procedures including cement, hydroxyapatite, porous coating, press fit, impaction grafting, and evolving porous metal technologies.
- Appreciate current solution options for hip, knee, and shoulder arthroplasty where revision is an endpoint and understand the contributory roles of bone loss, soft tissue deficiency, and infection.

**ACCREDITATION STATEMENT**

The Current Concepts Institute is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Current Concepts Institute designates this live activity for a maximum of 22.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**COURSE DESCRIPTION**

This CME program is open to orthopaedic surgeons, residents, nurses, and members of the orthopaedic and allied health industries.

- This meeting will focus on both primary and revision outcomes, surgical approaches, current implant designs and materials including the clinical manifestations of metal-on-metal articulations and the use of tapers, as well as address problems of fixation, bone deficiency, instability, trauma, and infection for hip, knee, and shoulder replacement.
- Topics delve into a triad of design, patient factors, and technical proficiency responsible for achieving clinical longevity in hip, knee, and shoulder reconstruction.
- Hemi and total shoulder arthroplasty topics focus on improved instrumentation, design modularity, evolving surgical techniques, and optimal patient outcomes.
- An assemblage of contemporary thought leaders will probe the boundaries of these problems and offer solutions for joint pathologies where arthroplasty is indicated.
- Plenary commentary, didactic clinical reports, technique videos, debate, case challenges, and live surgery define the formats of presentation, which provide an optimal learning opportunity for orthopaedic surgeons and other allied professionals involved in joint reconstruction.

**WALKING WITH GIANTS® ASK THE EXPERTS**

An intimate session to discuss your complex cases.

CCJR participants have an opportunity to present a problem hip or knee case to faculty experts for discussion on Monday, May 22, 2017. If you are interested in bringing a case for discussion, please E-Mail Info@CCJR.com for submission details.

**COURSE LOCATION**

The ARIA at CityCenter is a fusion of energy, inspiration, and vision located on 67 acres on the iconic Las Vegas Strip. Forming the core of CityCenter, this dazzling urban resort destination is destined to refine and redefine the Las Vegas Strip. The ARIA at CityCenter features an unprecedented combination of striking architecture, sustainable design, high-end service, world class cuisine, and spectacular amenities. Guests are swept away by its breathtaking beauty, stunning innovation, and the refreshing level of consciousness found in every detail. Even in a city such as Las Vegas, with its extraordinary history of dynamic cutting-edge developments, The ARIA at CityCenter introduces a new generation of resort experiences.

**HOTEL RESERVATIONS**

Hotel reservations for the CCJR meeting must be made directly with the hotel. The deadline for the room rate is April 19, 2017, if space is available. All reservations must be guaranteed with a credit card for the full stay.

The ARIA at CityCenter
3730 Las Vegas Blvd South, Las Vegas, NV 89158
Tel: 702-590-7757

Single / Double Room $192.00/Night + Tax

BOOKING ROOMS: www.CCJR-Hotels.com

**TRAVEL ARRANGEMENTS**

Avis is designated the car rental service:

Tel: 1-800-331-1600

Internet: www.avis.com

United Air Lines, Inc. is designated the Official Airline:

Tel: 1-800-468-7022

Offer Code: ZY4J896629

Internet: www.united.com

**DISCLAIMER**

The information in this educational activity is provided for general medical education purposes only and is not meant to substitute for the independent medical judgment of a physician relative to diagnostic and treatment options of a specific patient’s medical condition. The viewpoints expressed in this CME activity are those of the author/faculty. They do not represent an endorsement by the Current Concepts Institute. In no event will the Current Concepts Institute be liable for any decision made or action taken in reliance upon information provided through this CME activity.

**DISCLOSURE STATEMENT**

It is the policy of the Current Concepts Institute to comply with the Accreditation Council for Continuing Medical Education (ACCME) Standards for Commercial Support of Continuing Medical Education. All persons serving in a position to control the content of the educational activity are required to disclose all relevant financial relationships with any commercial interests. This information will be disclosed to activity participants prior to the commencement of the educational activity in the materials distributed.

**AMERICANS WITH DISABILITIES ACT**

Current Concepts Institute fully intends to comply with the legal requirements of the Americans with Disabilities Act. If you need assistance, please call 216-295-1900 at least two weeks prior to the activity.
SESSION V – Evan L. Flotaw, M.D.
Evan S. Lederman, M.D.
William N. Levine, M.D.
William H. Seitz, Jr., M.D.
Jon J.P. Warner, M.D.
Gerald R. Williams, Jr., M.D.

SESSION VI – William N. Levine, M.D.
Tips, Tidbits & Surgical Pearls: Critical Keys to Success in Shoulder Arthroplasty
12:00 #19 Top 10 Tips for Glenoid Exposure
Gerald R. Williams, Jr., M.D.
12:06 #20 Latissimus Transfer in Reverse TSA: One Good Turn Deserves Another
Sumant G. Krishnan, M.D.
12:12 #21 Activity After Shoulder Arthroplasty: Restrictions or Anything Goes?
William H. Seitz, Jr., M.D.
12:18 #22 Adjunct Pain Generators: Dealing with the Pesky Relatives
Jon J.P. Warner, M.D.
12:24 #23 Humeral Cemented Revision: Techniques for Safe Extraction
Evan S. Lederman, M.D.
12:30 Lunch

SESSION VII – Thomas S. Thornhill, M.D.
1:30 #24 Redefining the “Long Term” TKA: The Achilles Heels of In Vivo Durability
Fares S. Haddad, M.D., F.R.C.S.

Orthopaedic Crossfire® II: Controversial Issues in Knee Arthroplasty
1:40 #25 Posterior Stabilized Knee Designs: Vestigial Organs
R. Michael Meneghini, M.D. – Affirms
William G. Hamilton, M.D. – Opposes
2:00 The Cementless Knee: An Emergent Game Changer
Matthew P. Abdel, M.D., M.S. – Affirms
Gwo-Chin Lee, M.D. – Opposes
2:20 Neutral Mechanical Alignment: Stickin’ With the One That Brung Ya
Peter K. Sculco, M.D. – Affirms
Denis Nam, M.D., M.Sc. – Opposes

SESSION VIII – Adolph V. Lombardi, Jr., M.D.
“Live in Las Vegas”: Knee Arthroplasty from the White Fence Surgical Suites, New Albany, OH
2:40 #31 The All Poly Tibia: When Less is More
Keith R. Berend, M.D. – Surgeon
3:40 Refreshments in the Exhibit Area

SESSION IX – Aaron A. Hofmann, M.D.
Management Factorials in Primary Knee Arthroplasty: Ensuring a Winner!
4:00 #32 DVT Prophylaxis: Risk Stratification Solutions
Denis Nam, M.D., M.Sc.
4:06 #33 Simultaneous Bi-Lateral TKA: Does It Have a Place?
Thomas P. Sculco, M.D.
4:12 #34 Peri-Operative Pain Management: Assuring a Happy Patient
Mark W. Pagnano, M.D.
4:18 #35 Improving Patient Satisfaction: Restoring Nature’s Geometry
Jose A. Rodriguez, M.D.
4:24 #36 Intra & Extra Articular Deformity: Corrective Strategies
Aaron G. Rosenberg, M.D.
4:30 #37 Assuring Soft Tissue Balance: The Use of Smart Trials
Kenneth A. Gustke, M.D.
4:36 Discussion
SESSION XIX – Daniel J. Berry, M.D.
Orthopaedic Crossfire® III: Controversial Issues in Hip Arthroplasty

2:39  The Direct Anterior Approach: First Among Equals
#79  Jose A. Rodriguez, M.D. – Affirms
#80  Stephen B. Murphy, M.D. – Opposes
2:59  Dual Mobility Cup: Emergent Standard for Recurrent Dislocation
#81  Paul F. Lachiewicz, M.D. – Affirms
#82  John J. Callaghan, M.D. – Opposes
3:19  Routine Use of Antibiotic Bone Cement in Primary TJA is Justified
#83  Thorsten Gehrke, M.D. – Affirms
#84  Thomas P. Sculco, M.D. – Opposes
3:39  Adjournment

EXHIBITOR WORKSHOPS
3:45p.m. – 5:45p.m.

WEDNESDAY, MAY 24, 2017
6:30a.m. Buffet Breakfast

SESSION XX – Jose A. Rodriguez, M.D.
Hip Arthroplasty: A Potpourri of Management Issues

7:30 #85  Femoral Neck Frx’s: Fix or Replace?
  George J. Haidukewych, M.D.
7:36 #86  Blood Conservation: Pre, Peri & Post-Operative Options
  Matthew P. Abdel, M.D., M.S.
7:42 #87  Obesity in the TJA Patient: Does It Make a Difference?
  Richard E. Jones, M.D.
7:48 #88  Helping Assure Component Alignment: Intra-Operative Digital Radiography
  Robert L. Barrack, M.D.
7:54 #89  Hip Instability: Causes & Management Options
  Craig J. Della Valle, M.D.
8:00 #90  Metal-Metal Hip Replacement: Monitoring & Intervention Strategies
  Steven J. MacDonald, M.D., F.R.C.S.(C)
8:06  Discussion

SESSION XXI – William J. Maloney III, M.D.

8:26 #91  What Would YOU do? Challenges in Hip Surgery
  John J. Callaghan, M.D.
  Donald S. Garbuz, M.D., F.R.C.S.(C)
  George J. Haidukewych, M.D.
  Stephen B. Murphy, M.D.
  William L. Walter, M.D., F.R.A.C.S., Ph.D.
9:01  Refreshments in the Exhibit Area

SESSION XXII – Leo A. Whiteside, M.D.

9:21 #92  Bone Grafts & Their Substitutes: Understanding the Three O’s
  Joshua J. Jacobs, M.D.

The Revision Femur: A Potpourri of Options
9:31 #93  Classifying Femoral Bone Deformity: Choosing the Right Implant
  Wayne G. Paprosky, M.D.
9:37 #94  Femoral Stem Impaction Grafting: Extending the Role of Cement
  Rafael J. Sierra, M.D.
9:43 #95  Extensively Porous Coated Cylindrical Stems: 15 Years & Counting
  William G. Hamilton, M.D.
9:49 #96  The Non-Modular Tapered Fluted Stem: An Emergent First Choice
  Donald S. Garbuz, M.D., F.R.C.S.(C)
9:55  Discussion

SESSION XXIII – Wayne G. Paprosky, M.D.
The Revision Acetabulum

10:15 #97  The Jumbo Cup: The Workhorse of the Revision THA
  Paul F. Lachiewicz, M.D.
10:21 #98  The Triflange Cup: Build It & They Will Wait
  Michael D. Ries, Sc.M., M.D.
10:27 #99  Highly Porous Shells & Augments: Big Hopes for Big Holes
  David G. Lewallen, M.D.
10:33 #100  The Custom Acetabular Component: A 3D Printed Solution
  Thorsten Gehrke, M.D.
10:39 #101  The Role of Cages in Acetabular Revision
  Allan E. Gross, M.D., F.R.C.S.(C)
10:45  Discussion

SESSION XXIV – Daniel J. Berry, M.D.

11:05 #102  The Multiply Revised Hip: Issues that Matter
  Allan E. Gross, M.D., F.R.C.S.(C)
  David G. Lewallen, M.D.
  Adolph V. Lombardi, Jr., M.D.
  Michael D. Ries, Sc.M., M.D.

SESSION XXV – William J. Maloney III, M.D.
Tips, Tidbits & Techniques in Hip Reconstruction

11:40 #103  Trabecular Metal Augments for Acetabular Revision: “How To”
  Allan E. Gross, M.D., F.R.C.S.(C)
11:46 #104  Extended Trochanteric Osteotomy: Component Retrieval & Repair
  Wayne G. Paprosky, M.D.
11:52 #105  Avoiding Your Next ETO: An Alternative for Femoral Component Removal
  Thorsten Gehrke, M.D.
11:58 #106  Cup Retention With a Cemented Constrained Liner
  John J. Callaghan, M.D.
12:04 #107  Ceramic Component Frx: Getting Rarer, but When It Happens!
  Gwo-Chin Lee, M.D.
12:10 #108  Hip Abductor Deficiency: What Can You Do About It?
  Michael D. Ries, Sc.M., M.D.
12:16 #109  Resurfacing: What Do the Registries Say?
  William L. Walter, M.D., F.R.A.C.S., Ph.D.
12:22 #110  Hip Fusion Takedown: Why & How
  Daniel J. Berry, M.D.
12:28 #111  Handheld Navigation in THA: Insuring the Sweet Spot
  Edwin P. Su, M.D.
12:34 #112  Smart Mechanical Navigation: Assuring Cup Position
  Stephen B. Murphy, M.D.
12:40 #113  Femoral Cementing Techniques: Lest We Forget
  William J. Maloney III, M.D.
12:46  Closure

CLOSING RECEPTION: Ironwood Ballroom
12:46p.m. - 1:46p.m.

MEETING PROCEEDINGS
A THUMB DRIVE CONTAINING THE AUDIO MP3 RECORDINGS AS WELL AS A PDF OF THE ABSTRACT BOOK WILL BE GIVEN TO EACH PARTICIPANT DURING THE CLOSING RECEPTION.

THE VIDEO PROCEEDINGS WILL BE MADE AVAILABLE TO EACH PARTICIPANT FOLLOWING THE MEETING AT www.CCJR.com.

PAST PROGRAMS CAN ALSO BE VIEWED AT www.CCJR.com.
EXHIBITORS

Acelity
Aerobiotix, Inc.
Arthrosurface
CeramTec Medical Products
Compression Solutions
ConforMIS, Inc.
Corentec America, Inc.
DePuy Synthes
DJO Global
Gauthier Biomedical
Halyard Health Global
Iconacy Orthopedic Implants, LLC
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Innomed, Inc.
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Medtronic
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Smith & Nephew, Inc.
Surgical Planning Associates, Inc.
THINK Surgical, Inc.
Total Joint Orthopedics
Wolters Kluwer
Zimmer Biomet

FOUNDATION BOOTH

OREF

EXHIBITOR WORKSHOPS

CCJR participants can also attend company-sponsored workshops for increased exposure to emerging and contemporary technologies as well as gain surgical technique experience.
WELCOME RECEPTION
Sign-in, Badge and Course Material Pickup
Sunday, May 21, 2017 from 6:00p.m. - 8:00p.m.
Additional Registration Hours on
May 22 - 24, 2017 from 6:30a.m. - 1:00p.m.

REGISTRATION INFORMATION
COURSE PRE-REGISTRATION DEADLINE: April 21, 2017
Course Fee may be paid by Credit Card or
US Bank Check payable to: Current Concepts Institute

• Registration received after April 21, 2017 is subject to a $50 late fee •
• No registration will be held without payment •
• Cancellation after April 21, 2017 is subject to a $100 penalty •
• Cancellation must be received in writing •
• No refund will be granted after May 5, 2017 •
• Transfer to another individual wishing to attend CCJR-S17 only •
• Confirmation is sent by e-mail •

COURSE INFORMATION
Current Concepts Institute
Dorothy L. Granchi, MBA, Course Coordinator
2310 Superior Avenue East, Suite 100, Cleveland, Ohio 44114 - USA
Tel: 216-295-1900 • Fax: 216-295-9955
Internet: www.CCJR.com • E-Mail: Info@CCJR.com
### Course Fee:

<table>
<thead>
<tr>
<th>Option</th>
<th>Fee</th>
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<tbody>
<tr>
<td>Surgeon - Nurse - Allied Health - Other</td>
<td>$900</td>
</tr>
<tr>
<td>Resident/Fellow-in-Training, Program Director Certification Required</td>
<td>$450</td>
</tr>
</tbody>
</table>

**First/Given Name:**

**Last/Family Name:**

**Degree:**

**Affiliation/Company:**

**Street Address**

**City:**

**State/Province:**

**Postal Code:**

**Country:**

**Telephone:**

**Fax:**

**E-Mail:**

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### Payment & Payment Information

No registration will be held without payment.

**US BANK CHECK or MONEY ORDER**

No bank transfers accepted.

Mail Registration and payment to: **Current Concepts Institute**, 2310 Superior Avenue East, Suite 100, Cleveland, Ohio 44114 - USA

### Credit Card Payment

**Cardholder’s Name:**

**Cardholder’s Address:**

**Card Number:**

**Card Type:**

**Expiration Date:** **(MM/YY)**

**Signature:**

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**Required Information**