May 8 - 11, 2019
A Continuing Medical Education Program

Featuring 5 Interactive “LIVE SURGERIES”

Course Director:

A. SETH GREENWALD, D.PHIL.(OXON)
FACULTY

Fares S. Haddad, M.D., F.R.C.S.
University College Hospital
London, United Kingdom

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

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

Atul F. Kamath, M.D.
Cleveland Clinic
Cleveland, Ohio

Michael C. Kocznun, M.D.
Cleveland Clinic
Lorain, Ohio

Viktor E. Krebs, M.D.
Cleveland Clinic
Cleveland, Ohio

Paul F. Lachiewicz, M.D.
Duke University Medical Center
Durham, North Carolina

Gwo-Chin Lee, M.D.
University of Pennsylvania
Philadelphia, Pennsylvania

David G. Lewallen, M.D.
Mayo Clinic
Rochester, Minnesota

Adolph V. Lombardi, Jr., M.D.
Mt. Carmel New Albany Surgical Hospital
New Albany, Ohio

Steven J. MacDonald, M.D., F.R.C.S.(C)
University of Western Ontario
London, Ontario, Canada

R. Michael Meneghini, M.D.
Indiana University School of Medicine
Indianapolis, Indiana

Robert M. Molloy, M.D.
Cleveland Clinic
Cleveland, Ohio

Stephen B. Murphy, M.D.
Tufts University
Boston, Massachusetts

Denis Nam, M.D.
Rush University Medical Center
Chicago, Illinois

Douglas E. Padgett, M.D.
Hospital for Special Surgery
New York, New York

Wayne G. Paprosky, M.D.
Rush University Medical Center
Chicago, Illinois

Jose A. Rodriguez, M.D.
Hospital for Special Surgery
New York, New York

Aaron G. Rosenberg, M.D.
Rush University Medical Center
Chicago, Illinois

Edwin P. Su, M.D.
Hospital for Special Surgery
New York, New York

Thomas S. Thornhill, M.D.
Harvard Medical School
Boston, Massachusetts

William L. Walter, M.D., F.R.A.C.S., Ph.D.
Sydney Hip & Knee Surgeons
Waverton, Australia

Scott D. Weiner, M.D.
Summa Health System
Akron, Ohio

APPRECIATING CLEVELAND

Welcome to our city!

The 20th Annual CCJR – Spring meeting, coincident with a visit to a rejuvenated downtown Cleveland and a historic University Circle, provides attendees a wonderful opportunity to also explore our city. Its culinary scene fostered by nationally-recognized chefs, a resurgent music scene and theater district, several art and historical museums, gardens and parks can all be enjoyed in early May.

So, outside of the CCJR – Spring meeting, enjoy a memorable meal, grab a craft beer, see a play, hear the Cleveland Orchestra, visit our cultural amenities or perhaps, just go fishing on Lake Erie! Whatever you enjoy, Cleveland has it!

As a special offering for registering and attending the meeting, each participant may request one complimentary ticket to go to either the Cleveland Indians baseball game or the Rock & Roll Hall of Fame.

Cleveland Indians Baseball Game
Wednesday, May 8, 2019
6:10 pm
Progressive Field
2401 Ontario St., Cleveland, Ohio 44115

Additional tickets are available at discounted group rates.
Spend a little time before and after the meeting exploring Cleveland and all it has to offer.
Learn more about Cleveland, the Show Your Badge Program, and other things to do during your visit at www.CCJR.com.

Rock & Roll Hall of Fame
Saturday, May 11, 2019
1:00 pm – 5:30 pm
1100 E 9th St, Cleveland, Ohio 44114
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 and knee replacement.

• Topics delve into a triad of design, patient factors, and technical proficiency responsible for achieving clinical longevity as well as the associated economics of hip and knee reconstructive procedures.

• An assemblage of contemporary thought leaders will probe the boundaries of these problems and offer solutions for joint pathologies where arthroplasty or its alternatives are indicated.

• Plenary commentary, didactic clinical reports, technique videos, debate, case challenges, and interactive sessions define the formats of presentation, which provide an optimal learning opportunity for orthopaedic surgeons and other allied professionals involved in joint reconstruction.

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 and knee 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 and knee arthroplasty failure where revision is an endpoint and understand the contributory roles of bone loss, soft tissue deficiency, and infection.

FOCUSED FACULTY-PARTICIPANT BREAKOUTS
Intimate concurrent sessions to provide CCJR participants an opportunity to directly interact with faculty experts.

Seating is limited and on a first-come, first-served basis.

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 20 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the 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.

COURSE LOCATION
The Hilton Cleveland Downtown is in the heart of Cleveland’s vibrant downtown area, with spectacular views of Lake Erie, contemporary guest rooms, and convenient on-site amenities. This hotel is the perfect base for exploring the lakeside city. Cleveland is an eclectic mix of a 100-year-old public market, an incredible live music scene, professional sports teams, the Jack Casino, and the Cuyahoga Valley National Park. Cleveland is also home to the Rock & Roll Hall of Fame, the Cleveland Museum of Art and Severance Hall, home of the the Cleveland Orchestra, as well as the nation’s second-largest performing arts district.

HOTEL RESERVATIONS
Hotel reservations for the CCJR meeting must be made directly with the hotel. The deadline for the room rate is April 10, 2019, if space is available. All reservations must be guaranteed with a credit card for the full stay.

Hilton Cleveland Downtown
100 Lakeside Ave, East, Cleveland, Ohio 44114
Tel: 216-413-5000
Single / Double Room $184.00/Night + Tax

BOOKING ROOMS: www.CCJR-Hotels.com

TRAVEL ARRANGEMENTS
CCJR has partnered with several providers for air and ground transportation. With three airports, the intersection of three major interstate highways and being located within 500 miles of 43 percent of the country, Cleveland is easy to access. Additional information and codes can be found at the official CCJR website.

BOOKING TRAVEL: www.CCJR.com/spring/accommodations/

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.

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.
CURRENT CONCEPTS IN JOINT REPLACEMENT® - Spring 2019

REGISTRATION: Superior Ballroom Foyer
6:30a.m. - 1:00p.m. Thursday-Saturday, May 9-11

WEDNESDAY, MAY 8, 2019
Cleveland Indians vs. Chicago White Sox Baseball Game
6:10p.m. Progressive Field

THURSDAY, MAY 9, 2019
6:30a.m. Buffet Breakfast

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

SESSION I – Thomas S. Thornhill, M.D.
7:35 #1 Operating Room Efficiencies During TJA: Be All You Can Be
Adolph V. Lombardi, Jr., M.D.

Orthopaedic Crossfire® I: Controversial Issues in Knee Arthroplasty
7:45 The Cementless Tibia: Emergent Game Changer
Kenneth A. Gustke, M.D. – Affirms

#2 Custom TKA Designs: Promote Optimal Patient & Surgeon Satisfaction
Jose A. Rodriguez, M.D. – Affirms

#3 Gwo-Chin Lee, M.D. – Opposes

#4 Robert L. Barrack, M.D. – Opposes

8:05 Outpatient TJA Surgery: The Best Sum of All Things
Stephen B. Murphy, M.D. – Affirms

#6 Alejandro Gonzalez Della Valle, M.D. – Opposes

SESSION II – Fares S. Haddad, M.D., F.R.C.S.
“Live in Cleveland”: Knee Arthroplasty from the Hospital for Special Surgery, New York, NY

8:45 #8 A Robotic Cementless TKA: The Shape of Things to Come
Michael P. Ast, M.D. – Surgeon

9:30 Refreshments in the Exhibit Area

SESSION III – Jose A. Rodriguez, M.D.
Management Factorials in Primary Knee Arthroplasty: Ensuring a Winner!

9:55 #9 The Medial Pivot Knee: A Reflection of Normal Kinematics
David Backstein, M.D., F.R.C.S.(C), M.Ed.

10:01 #10 Peri-Operative Pain Management: Assuring a Happy Patient
Keith R. Berend, M.D.

10:07 #11 Achieving Alignment in TKA: Optimizing Patient Outcomes
Robert L. Barrack, M.D.

10:13 #12 Intra & Extra Articular Deformity: Corrective Strategies
Alejandro Gonzalez Della Valle, M.D.

10:19 #13 Prior & Acute Tibial Plateau Fx’s: When is TKA an Option?
Matthew P. Abdel, M.D.

10:25 #14 Advancing Suture Technologies in TKA: Stitches in Time
Viktor E. Krebs, M.D.

10:31 Discussion

SESSION IV – Keith R. Berend, M.D.
10:51 #15 What Would YOU do? Challenges in Knee Surgery
David Backstein, M.D., F.R.C.S.(C), M.Ed.

Michael C. Kolczun, M.D.

Viktor E. Krebs, M.D.

Gwo-Chin Lee, M.D.

Douglas E. Padgett, M.D.

SESSION V – Douglas E. Padgett, M.D.
The Infected Knee Arthroplasty: Drugs, Bugs & Solution Options

11:20 #16 Minimizing Infection Risk: Factors Influencing
C. Anderson Engh, Jr., M.D.

11:26 #17 Diagnosing Infection: A Step-by-Step Evaluation Protocol
Atul F. Kamath, M.D.

11:32 #18 DAIR: An Emerging Solution for PJI
Fares S. Haddad, M.D., F.R.C.S.

11:38 #19 Partial Two-Stage Exchange: Half the Loaf
Adolph V. Lombardi, Jr., M.D.

11:44 #20 The Two-Stage Standard: Techniques, Timing & Statistics
David G. Lewallen, M.D.

11:50 Discussion

12:10 #21 OREF/CCJR Clinical Award Paper

12:20 Lunch

SESSION VI – Aaron G. Rosenberg, M.D.
Orthopaedic Crossfire® II: Controversial Issues in Knee Arthroplasty

1:20 Posterior Stabilized Knee Designs: Vestigial Organs
R. Michael Meneghini, M.D. – Affirms

Douglas E. Padgett, M.D. – Opposes

1:40 The Tourniquetless TKA: A Miraculous Conversion
Jose A. Rodriguez, M.D. – Affirms

Steven J. MacDonald, M.D., F.R.C.S.(C) – Opposes

2:00 Patella Resurfacing: Rarely, If Ever Necessary
Robert L. Barrack, M.D. – Affirms

Michael C. Kolczun, M.D. – Opposes

SESSION VII – George J. Haidukewych, M.D.
“Live in Cleveland”: Knee Arthroplasty from the Hospital for Special Surgery in New York, NY

2:20 #28 Revision Rotating Platform TKA: A Bone Loss Solution
Michael B. Cross, M.D. – Surgeon

EXHIBITORS’ RECEPTION: Superior Ballroom
3:05p.m. - 4:00p.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.
4:00p.m. - 5:00p.m.
Veterans Meeting Room A-B
SESSION VIII – Steven J. MacDonald, M.D., F.R.C.S.(C)
4:00 #29 Primary Hip Reconstruction
Peter J. Brooks, M.D., F.R.C.S.(C)
C. Anderson Engh, Jr., M.D.
Denis Nam, M.D.
Jose A. Rodriguez, M.D.

Veterans Meeting Room C-D
SESSION IX – Robert L. Barrack, M.D.
4:00 #30 Patient Dissatisfaction Following TKA
Fares S. Haddad, M.D., F.R.C.S.
Michael C. Kolczun, M.D.
Robert M. Molloy, M.D.
William L. Walter, M.D., F.R.A.C.S., Ph.D.

FRIDAY, MAY 10, 2019
6:30a.m. Buffet Breakfast
SESSION X – R. Michael Meneghini, M.D.
7:30 #31 Biologic Therapies 2019: Facts, Fictions & Costs
Aaron G. Rosenberg, M.D.

Problems After Knee Arthroplasty: Things That Go “Bump in the Night”
7:40 #32 Wound Complications: A Knee is Not a Hip
Gwo-Chin Lee, M.D.
7:46 #33 The Post-Operative Painful Knee: Diagnosis & Remedy
Robert M. Molloy, M.D.
7:52 #34 The Unstable Knee: Manifestations, Reasons & Corrective Actions
William L. Walter, M.D., F.R.A.C.S., Ph.D.
7:58 #35 The Management of Extensor Mechanism Complications
Denis Nam, M.D.
8:04 #36 Residual Flexion Contracture: Frustrating the Patient & the Surgeon
Matthew P. Abdel, M.D.
8:10 #37 Peri-Prosthetic Femoral Frx’s: When to Repair or Replace
Wayne G. Paprosky, M.D.
8:16 Discussion

SESSION XI – Michael C. Koleczun, M.D.
“Live in Cleveland”: Knee Arthroplasty from Mt. Carmel New Albany Surgical Hospital, New Albany, OH
8:36 #38 Medial UKA to TKA: Is It as Good as a Primary Result?
Adolph V. Lombardi, Jr., M.D. – Surgeon
9:21 Refreshments in the Exhibit Area

SESSION XII – C. Anderson Engh, Jr., M.D.
Revision Knee Arthroplasty: Doin’ the Right Thing
9:46 #39 Principles of Revision Knee Surgery
Thomas S. Thornhill, M.D.

SESSION XIII – Aaron G. Rosenberg, M.D.
10:48 #46 Hip & Knee Arthroplasty 2019: What’s New, What’s True, Does it Matter? Evidence Based Issues
David Backstein, M.D., F.R.C.S.(C), M.Ed.
Atul F. Kamath, M.D.
Gwo-Chin Lee, M.D.

SESSION XIV – Fares S. Haddad, M.D., F.R.C.S.
Orthopaedic Crossfire® III: Re-Examining Knee & Hip Arthroplasty Technologies
11:18 The Cemented All Poly Tibia: Regardless of Age & BMI
#47 David G. Lewallen, M.D. – Affirms
#48 Michael C. Kolczun, M.D. – Opposes
11:38 Mega Prosthesis for Well-Fixed TKA Femoral Frx’s
#49 David Backstein, M.D., F.R.C.S.(C), M.Ed. – Affirms
#50 George J. Haidukewych, M.D. – Opposes
11:58 Simulation Training: This is the Future
#51 Kenneth A. Gustke, M.D. – Affirms
#52 Thomas S. Thornhill, M.D. – Opposes
12:18 Lunch

SESSION XV – Allan E. Gross, M.D., F.R.C.S.(C)
1:18 #53 Early Prophylactic Intervention: Avoiding or Deferring Arthroplasty
Atul F. Kamath, M.D.

Primary Hip Replacement: What Works & for Whom?
1:26 #54 Pre-Operative Planning & Execution: Moving the Yardsticks
Stephen B. Murphy, M.D.
1:34 #55 Articulations of Choice: Assuring Longevity
William L. Walter, M.D., F.R.A.C.S., Ph.D.
1:40 #56 Are All Cementless Stems Created Equal?
Matthew P. Abdel, M.D.
1:46 #57 Cemented Femoral Fixation: Optimal Hybrid Solution
Alejandro Gonzalez Della Valle, M.D.
1:52 #58 The Short Stem: An Option for ALL Hips
Kenneth A. Gustke, M.D.
1:58 #59 Acetabular Positioning: Avoiding Dislocation
Aaron G. Rosenberg, M.D.
2:04 Discussion

SESSION XVI – Gwo-Chin Lee, M.D.
Hip Arthroplasty: Avoiding Pitfalls & Managing Problems
2:24 #60 The Asymptomatic & Painful THA: Monitoring & Intervention
Steven J. MacDonald, M.D., F.R.C.S.(C)
2:30 #61 Blood Conservation Strategies: The Impact of TXA
Viktor E. Krebs, M.D.

2:36 #62 DVT Prophylaxis: Think of the Old Aspirin
Alejandro Gonzalez Della Valle, M.D.

2:42 #63 THA in Dysplasia: Effectively Managing the Technical Challenges
Allan E. Gross, M.D., F.R.C.S.(C)

2:48 #64 Neuromuscularly Challenged Patients: In a Class of Their Own
Denis Nam, M.D.

3:00 Discussion

3:20 Refreshments in the Exhibit Area

SESSION XVII – Adolph V. Lombardi, Jr., M.D.
3:45 #66 What Would YOU do? Challenges in Hip Surgery
Paul F. Lachiewicz, M.D.
David G. Lewallen, M.D.
Wayne G. Paprosky, M.D.

SESSION XVIII – Atul F. Kamath, M.D.
“Live in Cleveland”: Primary Hip Arthroplasty from the Anderson Orthopaedic Research Institute, Alexandria, VA

4:15 #67 Optimizing the Anterior Approach Through Advancing Technologies
William G. Hamilton, M.D. – Surgeon

5:00 Adjournment

EXHIBITOR SATELLITE EVENTS
5:00p.m. - 7:00p.m.

SATURDAY, MAY 11, 2019

6:30a.m. Buffet Breakfast

SESSION XIX – Thomas S. Thornhill, M.D.
Orthopaedic CrossFire® IV: Controversial Issues in Hip Arthroplasty

7:30 The Anterior Approach: Better, Faster, Cost Effective
#68 Keith R. Berend, M.D. – Affirmer
#69 Fares S. Haddad, M.D., F.R.C.S. – Opposes

7:50 Ceramic Heads Should be Used in All Patients
#70 William L. Walter, M.D., F.R.A.C.S., Ph.D. – Affirmer
#71 C. Anderson Engh, Jr., M.D. – Opposes

8:10 Dual Mobility: First Choice for the High Risk & Recurring Dislocator
#72 Matthew P. Abdel, M.D. – Affirmer
#73 R. Michael Meneghini, M.D. – Opposes

SESSION XX – Peter J. Brooks, M.D., F.R.C.S.(C)
“Live in Cleveland”: Hip Arthroplasty from the Hospital for Special Surgery, New York, NY

8:30 #74 A Hip Resurfacing Option: Redux 2019
Edwin P. Su, M.D. – Surgeon

SESSION XXI – Paul F. Lachiewicz, M.D.
The Revision Femur

9:25 #75 Classifying Femoral Bone Deficiency: Choosing the Right Implant
Wayne G. Paprosky, M.D.

9:31 #76 Cemented Stems in Revision 2019: What Problems Can They Solve?
Fares S. Haddad, M.D., F.R.C.S.

9:37 #77 The Modular Stem: The Right Implant for the Difficult Revision
Adolph V. Lombardi, Jr., M.D.

9:43 #78 Peri-Prosthetic Fractures: Classification & Treatment Algorithm
Keith R. Berend, M.D.

9:49 Discussion

SESSION XXII – David G. Lewallen, M.D.
The Revision Acetabulum: A Potpourri of Options

10:09 #79 Exposure Options for Acetabular Revision
Wayne G. Paprosky, M.D.

10:15 #80 The Jumbo Cup: Cementless Solution for Acetabular Bone Loss
Paul F. Lachiewicz, M.D.

10:21 #81 Porous Metal Acetabular Augments: When the Jumbo Cup Isn’t Enough
George J. Hasdaiwyth, M.D.

10:27 #82 Impaction Grafting Cement Alternative: Recreating a Contained Defect
Alejandro Gonzalez Della Valle, M.D.

10:33 #83 The Custom Triflange Cup: Build It & They Will Wait
C. Anderson Engh, Jr., M.D.

10:39 #84 The Role of Cages in Acetabular Revision
Allan E. Gross, M.D., F.R.C.S.(C)

10:45 Discussion

11:05 Refreshments in the Exhibit Area

SESSION XXIII – Wayne G. Paprosky, M.D.
Tips, Techniques & Technologies in Knee & Hip Reconstruction: “A Baker's Dozen”

11:30 #85 Electronic Follow-Up: Is Seeing Patients in Clinic Necessary?
Steven J. MacDonald, M.D., F.R.C.S.(C)

11:36 #86 Seven Little Cuts to the Perfect TKA
Peter J. Brooks, M.D., F.R.C.S.(C)

11:42 #87 Achieving Soft Tissue Balance: The Use of Smart Trials
Kenneth A. Gustke, M.D.

11:48 #88 Handheld Navigation in TKA: The Orthopaedist’s Smart Phone
Denis Nam, M.D.

11:54 #89 Optimizing Cement Fixation During TKA
Thomas S. Thornhill, M.D.

12:00 #90 Removing the Well-Fixed Knee: Tricks of the Trade
Robert M. Molloy, M.D.

12:06 #91 Extensor Mechanism Deficiency: A Marlex Mesh Solution
Matthew P. Abdel, M.D.

12:12 #92 A Simple Cost Effective Hip Navigation System
Allan E. Gross, M.D., F.R.C.S.(C)

12:18 #93 Removing a Well-Fixed Acetabular Component: Blade Runner 2019
Paul F. Lachiewicz, M.D.

12:24 #94 Limited Femorotomy: Removing a Well-Fixed Stem
William L. Walter, M.D., F.R.A.C.S., Ph.D.

12:30 #95 Trochanteric Slide for Extensive Proximal Bone Loss
Scott D. Weiner, M.D.

12:36 #96 Tapered Modular Stems for Femoral Revision: Getting It Straight
R. Michael Meneghini, M.D.

12:42 #97 Distal Femoral Replacement: Making It Work
David Backstein, M.D., F.R.C.S.(C), M.Ed.

12:48 Closure

Rock & Roll Hall of Fame
1:00p.m. - 5:30p.m.

MEETING PROCEEDINGS
EXCLUSIVE ACCESS TO THE FULL LENGTH RECORDING OF THE LIVE PROCEEDINGS WILL BE AVAILABLE AT www.CCJR.com
PAST PROGRAMS CAN ALSO BE VIEWED AT www.CCJR.com.
EXHIBITORS

D. A. Surgical
DePuy Synthes
DJO Surgical
Flexion Therapeutics
Horizon Pharma
Innomed, Inc.
Innovative Medical Products
Irisept
Just Huajian Medical Device (Tianjin) Co., Ltd.
KCI, An Acelity Company
Kinamed, Inc.
Legally Mine
MEND Nutrition Inc.
MicroPort Orthopedics, Inc.
OrthoSensor
Pacira Biosciences, Inc.
Radlink
Smith & Nephew, Inc.
Stryker
Surgical Planning Associates, Inc.
Wolters Kluwer
Zimmer Biomet
Zipline Medical, Inc.

FOUNDATION BOOTH
OREF

EXHIBITOR SATELLITE EVENTS

CCJR participants, in addition to visiting the exhibitor booths, are encouraged to attend company-sponsored lunches and symposia for increased exposure to emerging and contemporary technologies as well as gaining surgical technique experience.

Thursday, May 9, 2019

MicroPort Lunch - 12:20p.m. - 1:20p.m.
From Primary to Revision:
Medial-Pivot TKA for Various Indications

Friday, May 10, 2019

Legally Mine Lunch - 12:18p.m. - 1:18p.m.
Understanding Legal Tools: The Keys to Lawsuit Prevention,
License Protection and Tax Reduction

Pacira Biosciences, Inc. Lunch - 12:18p.m. - 1:18p.m.
Cryoanalgesia: An Opioid-Sparing TKA Solution
from Incision Through Recovery

KCI, An Acelity Company Symposium - 5:00p.m. - 7:00p.m.
Optimizing Arthroplasty Incision Management Utilizing the Next
Generation in Negative Pressure Therapy to Help Improve Outcomes:
Science and Clinical Evidence

Further exhibitor offerings can be found at www.CCJR.com

EXHIBITOR REVERSE EXPO

This is a first-time CCJR opportunity for exhibitors to interact directly with the purchasing agents of the major healthcare systems in the Cleveland/Akron area. Introducing new product lines and services to these institutions will serve as a valuable addition to this orthopaedic educational event.
**Current Concepts in Joint Replacement**

**Spring 2019**

IMMEDIATE REGISTRATION & CONFIRMATION AVAILABLE AT

www.CCJR.com

---

**COURSE REGISTRATION**

Course Fee:  
- **$950** Surgeon - Nurse - Allied Health - All Other
- **$475** Resident/Fellow-in-Training  
  (Program Director Certification Required)

**INCLUDES**

- Comprehensive Syllabus - Abstract Book
- Video Proceedings including the *Live Surgeries*
- Lavish Reception • Three Buffet Breakfasts
- Two Plated Lunches • Four Refreshment Breaks
- One Ticket to Either the Rock & Roll Hall of Fame OR the Cleveland Indians Baseball Game

**CONTINUING MEDICAL EDUCATION**

20 AMA PRA Category 1 Credits™

---

**REGISTRATION INFORMATION**

**COURSE PRE-REGISTRATION DEADLINE:** April 8, 2019

Course Fee may be paid by Credit Card or US Bank Check payable to: **Current Concepts Institute**

- Registrations received after April 8, 2019 are subject to a $50 late fee
- No registration will be held without payment
- Cancellation after April 8, 2019 is subject to a $100 penalty
- Cancellation must be received in writing
- No refund will be granted after April 22, 2019
- Transfer to another individual wishing to attend CCJR-S19 only
- Confirmation is sent by e-mail

**Registration Hours:** May 9 - 11, 2019 from 6:30a.m. - 1:00p.m.

---

**Ethical Medtech**

The *CCJR - Spring 2019* meeting has been deemed COMPLIANT.

---

**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
Current Concepts in Joint Replacement® Spring 2019

Immediate Registration & Confirmation Available at www.CCJR.com

Course Fee: □ $950 Surgeon - Nurse - Allied Health - Other
□ $475 Resident/Fellow-in-Training, Program Director Certification Required

* First/Given Name: ________________________________
* Last/Family Name: ________________________________
Degree: ________________________________
Affiliation/Company: ________________________________
* Street Address: ________________________________
  * City: ________________________________
* State/Province: ________________________________
  * Postal Code: ________________________________
  Country: ________________________________
  * Telephone: ________________________________
  Fax: ________________________________
  * E-Mail: ________________________________

Required Information

Immediate Registration & Confirmation Available at www.CCJR.com

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: ________________________________

Required Information