PARIS INTERNATIONAL SHOULDER COURSE 2019

February 14-16
Marriott Rive Gauche
PARIS, FRANCE

FINAL PROGRAM

Under the direction of Ph. Valenti M. Scheibel

WWW.PARIS-SHOULDER-COURSE.COM
WELCOME MESSAGE

Paris International Shoulder Course has become an inescapable event for anyone interested in Shoulder Replacement and is now the world’s largest meeting on this subject. In absence but in particular in honor of our kind and charismatic friend « Philippe », we are welcoming you to the 4th edition, PISC 2019.

Our principal goal remains to offer to all levels - from junior trainees to experts in the field - a range of practical information with regard to new techniques and ideas. Particular importance should be given to younger shoulder surgeons, enabling them to increase their knowledge. The goal is to offer better treatment to our patients, and, with this in mind, we will propose a scientific program with up-to-date information concerning long-term results and latest innovations on shoulder prosthetic arthroplasties. This course belongs to you, and these 3 world-class scientific days will be of great benefit to everyone.

A large conference area will be set up for debates where experienced specialists will be able to share their knowledge and examples of difficult cases.

Importance should be given for technical innovations regarding the pre-operative planning of shoulder arthroplasty. Live surgeries with various arthroplasties will be performed by the main experts of the world. And, of course, this event will be, once again, a great occasion to network with your colleagues from all over the world.

We look forward to welcoming you to Paris!

Philippe VALENTI
Markus SCHEIBEL
Chairmen PISC 2019
COMPLEX SHOULDER FRACTURES: CURRENT STRATEGIES AND CONTROVERSIES

Chairmen: Ph. Valenti (France), M. Scheibel (Switzerland/Germany)

08h00-09h00 PRESENTATIONS
How to Approach the Difficult Fracture?
Moderators: C. Jiang (China), B. Jost (Switzerland)

08h00  Proximal Humeral Fracture Treatment - Where are the Challenges in 2019? / J. Sanchez-Sotelo (USA)
08h10  Prospective randomized trials for complex proximal humeral fractures - implications on clinical practice? / R. Emery (UK)
08h20  A new treatment algorithm for proximal humeral fractures / B. Jost (Switzerland)
08h30  What are the current challenges for fracture dislocations? / B. Parsons (USA)
08h40  What you need to know about Head-Split Fractures / M. Scheibel (Switzerland/Germany)
08h50  Augmentation of proximal humeral fractures - Is there any scientific prove for a better outcome? / U. Brunner (Germany)

09h00-09h30 INTERACTIVE CASE DISCUSSION (3 clinical cases)
Moderator: P. Mansat (France)
Speakers: J. Dines (USA), R. Emery (UK), C. Jiang (China), B. Jost (Switzerland), B. Ockert (Germany)

09h30-10h00 VIDEO DEMONSTRATIONS
Tips and Tricks in Complex Fracture Treatment
Moderators: R. Emery (UK), P. Mansat (France)

09h30  Plate Osteosynthesis - How to reduce, Retain and Fix the Fracture? / M. Scheibel (Switzerland/Germany)
09h37  Intramedullary Nailing - A practical guide / Ph. Clavert (France)
09h44  Hemiarthroplasty - How to establish height, Torsion and Size? / C. Jiang (China)
09h51  Reverse Shoulder Arthroplasty - How to get it right? / F. Reuther (Germany)

10h00-10h30 COFFEE BREAK & VISIT OF THE EXHIBITION

10h30-11h00 MINI BATTLE
Complex Humeral Fractures
Moderators: G. Athwal (Canada), J. Sanchez-Sotelo (USA)

10h30  Non-operative vs Surgical treatment / M. Zumstein (Switzerland) vs B. Ockert (Germany)
Discussion
10h40  Nail vs Plate / P. Boileau (France) vs B. Parsons (USA)
Discussion
10h50  Hemiarthroplasty vs Reverse Shoulder Arthroplasty / C. Jiang (China) vs P. Valenti (France)
Discussion

11h00-11h40 NEW TECHNOLOGY SESSION
Moderators: A. Hardy (France), Ph. Moroder (Germany), J.D. Werthel (France)

11h00  Give the subscap a break - Minimally invasive shoulder replacement / H. Alidousti (UK)
11h10  Surgical Education in Virtual Reality: Performance Metrics During Glenoid Baseplate Implantation / D. Goel (Canada)
11h20  Improving accuracy of glenoid implantation using augmented reality / J.D. Werthel (France)
11h30  Augmented Reality: The Future of Pre- and Intra-Operative Planning / G. Athwal (Canada)

11h40-12h00 RELIVE SURGERY (See details p16)
> **THURSDAY FEBRUARY 14th, 2019**

> **13h50-14h00**  **VIDEO DEMONSTRATION**  
Moderators: Ph. Clavert (France), B. Ockert (Germany)

13h50  Removing a Well Fixed Humeral Component / G. Athwal (Canada)

13h55  Hemiarthroplasty for fractures with conservation of the whole humeral head as autograft / L. Doursounian (France)

> **14h00-14h40**  **PRESENTATIONS**  
Management of Failed Fracture Treatment  
Moderators: B. Parsons (USA), M. Scheibel (Switzerland/Germany)

14h00  How to deal with failures of Non-Operative Treatment? / P. Mansat (France)

14h10  How to manage the Failed Osteosynthesis? / F. Moro (Switzerland)

14h20  Early and Late Complications of Hemiarthroplasty / Ph. Moroder (Germany)

14h30  What to do when the Reverse Arthroplasty fails After primary Fracture Care? / J. Sanchez-Sotelo (USA)

> **14h40-15h00**  **PRESENTATIONS**  
Management of Infection  
Moderators: R. Emery (UK), M. Zumstein (Switzerland)

14h40  New Strategies in Diagnosis and Treatment of Infection of the Shoulder / A. Trampuz (Germany)

14h50  How to prevent an infection in RTSA / H. Thomazeau (France)

> **14h30-18h00**  **CADAVER WORKSHOPS**  
(See details p31)  
ECOLE DU FER À MOULIN - Upon reservation - Shuttle in front of Marriott

> **15h00-19h00**  **LIVE AND RELIVE SURGERIES**  
(See details p23)  
CLINIQUE BIZET - 21 rue Georges Bizet - 75116 Paris (France)

> **15h00-18h00**  **ULTRASOUND WORKSHOP**  
(See details p25)  
J. De Beer (South Africa)

> **18h30**  **WELCOME RECEPTION IN THE EXHIBITION HALL**
ANATOMIC SHOULDER ARTHROPLASTY: NEW TRENDS AND CONTROVERSIES
Chairmen: Ph. Valenti (France), M. Scheibel (Switzerland/Germany)

> 07h30 -08h00      INTERACTIVE CASE DISCUSSION (3 clinical cases)
Osteoarthritis in patients over 75 with a functional cu ?
Moderator: J. Sperling (USA)
Speakers: E. Calvo (Spain), D. Dines (USA), O. Levy (UK), G. Walch (France)

> 08h00-09h00      PRESENTATIONS
Mid-to long term results of anatomic total shoulder replacement
Moderators: P. Boileau (France), Porcellini (Italy)
08h00   Clinical and radiological long term FU of stemless screw system / P. Habermeyer (Germany)
08h10   Clinical and radiological long term results of anatomical stem less prostheses / J. Teissier (France), Ph. Teissier (France)
08h20   Indications and midterm results of pyrocarbon humeral replacement / U. Brunner (Germany)
08h30   Clinical and radiological long term FU of anatomic metal-back / A. Castagna (Italy)
08h40   Anatomic metal-back vs full PE cemented with more 5 years FU / Ph. Valenti (France)
08h50   Clinical and CT scan evaluation of anchor peg full PE with 5 years FU / A. Vidil (France)

> 09h00-09h30      INTERACTIVE CASE DISCUSSION (3 clinical cases)
Osteoarthritis with a functional cuff and glenoid B1 or B2: What is the best way?
Moderator: L. Lafosse (France)
Speakers: U. Brunner (Germany), A. Castagna (Italy), J. Sperling (USA), G. Walch (France), JP. Warner (USA)

> 09h30-10h00      VIDEO DEMONSTRATIONS
Tips and Tricks: How to deal glenoid B1 / B2 with functional cuff
Moderators: E. Calvo (Spain), A. Romeo (USA)
09h30   How to expose the glenoid with a severe posterior wear? / J. Sanchez-Sotelo (USA)
09h37   How to manage a small glenoid / H. Sugaya (Japan)
09h44   How to use a PE augmentation / G. Athwal (Canada)
09h51   How to use a MB with a bone graft / J. Kany (France)

10h00-10h30   COFFEE BREAK & VISIT OF THE EXHIBITION

> 10h30-12h00      INTERACTIVE MINI BATTLE
What do you prefer?
Moderators: E. Calvo (Spain), A. Godeneche (France)
Osteoarthritis with functional cuff ; which humeral component do you prefer ?
10h30   I prefer a standard stem cementless / A. Castagna (Italy)
10h35   I prefer a standard stem cemented / G. Porcellini (Italy)
10h40   Discussion
10h45   I prefer a short stem curved / G. Walch (France)
10h50   I prefer a short stem straight / G. Mazzocca (USA)
10h55   Discussion
11h00   I prefer a stemless impaction system / P. Metais (France)
11h05   I prefer a stemless screw in system / M. Scheibel (Switzerland/Germany)
11h10   Discussion
11h15   I prefer a convertible humeral component / D. Dines (USA)
11h20   I prefer an easy to revise humeral implant / A. Romeo (USA)
11h25   Discussion
11h30   I prefer resurfacing system / M. Simoni (Brazil)
11h35   I stop to implant a resurface prosthesis / P. Mansat (France)
11h40   Discussion
11h45  I prefer a pyrocarbon ball / J. Garret (France)
11h50  I prefer an anatomic pyrocarbon head / A. Godeneche (France)
11h55  Discussion

FACULTY PHOTO:
WE INVITE ALL SPEAKERS TO GATHER IN THE PLENARY ROOM TO TAKE A GROUP PHOTO

> 12h00-12h20  HARDY LECTURE
Moderator: M. Scheibel (Switzerland/Germany)

12h00  The young arthritic patient – Which options do we have in 2018? / C. Gerber (Switzerland)

12h30-14h00  LUNCH BREAK & INDUSTRY WORKSHOPS

> 14h00-15h00  PRESENTATIONS
Failure of anatomic total shoulder arthroplasty (ATSA)
Moderators: P. Habermeyer (Germany), G. Walch (France)

14h00  Planification of failed ATSA / L. Favard (France)
14h10  Humeral loosening in ATSA: How to deal and results? / J. Sperling (USA)
14h20  Glenoid loosening in ATSA: How to deal and results? / F. Gohlke (Germany)
14h30  Revision of full PE / L. Nayton (France)
14h40  Advantage of an Anatomic Total Convertible Shoulder Replacement / P. Habermeyer (Germany)
14h50  Unstable ATSA: How to manage / J. Kany (France)

> 14h30-18h00  CADAVER WORKSHOPS (See details p31)
ECOLE DU FER À MOULIN - Up on reservation - Shuttle in front of Marriott

> 15h00-19h00  LIVE SURGERIES (See details p25)
CLINIQUE BIZET - 21 rue Georges Bizet - 75116 Paris (France)

> 15h00-18h00  ULTRASOUND WORKSHOP (See details p25)
J. De Beer (South Africa)
REVERSE SHOULDER ARTHROPLASTY:
NEW TRENDS AND CONTROVERSIES -
PRESENTATIONS CLINICAL RESULTS

Chairmen Ph. Valenti (France) M. Scheibel (Switzerland/Germany)

> 08h00-09h00  PRESENTATIONS  
New Biomechanical Concept
Moderators: J.P. Warner (USA), M. Zumstein (Switzerland)

08h00  Biomechanical principles in RTSA / G. Mazzocca (USA)
08h10  Lateralization in RTSA: a descriptive analysis of humeral and glenoid lateralization / J.D. Werthel (France)
08h20  Does the depth of the PE Cup influence the mobility of RTSA? / G. Athwal (Canada)
08h30  Correlation between distalization and lateralization and clinical outcomes / J. Barth (France)
08h40  Prognostic factors in medial rotation after RTSA: 100 cases / Ph. Collin (France)

> 09h00-09h30  INTERACTIVE CASE DISCUSSION (3 clinical cases)
How do you revise a glenoid loosening of a RTSA?
Moderator: J.P. Warner (USA)
Speakers: D. Dines (USA), C. Gerber (Switzerland), G. Walch (France)

> 09h30-10h00  VIDEO DEMONSTRATIONS  
Tips and Tricks
Moderators: J. Dines (USA), G. Nourissat (France)

09h30  How to manage the subscapularis and how to expose the glenoid? / A. Romeo (USA)
09h46  How to restore humeral bone loss / J. Sanchez-Sotelo (USA)
09h42  How to perform the L’Episcopo procedure? / P. Boileau (France)
09h48  How to restore glenoid bone loss with bone graft? / F. Gohlke (Germany)
09h54  How to restore glenoid bone loss with metal? / M. Scheibel (Switzerland/Germany)

> 10h00-10h30  COFFEE BREAK & VISIT OF THE EXHIBITION

> 10h30-12h30  INTERACTIVE MINI BATTLE  
What do you prefer?
Moderators: M. Frankle (USA), F. Gohlke (Germany)

10h30  Superolateral approach / J. Kany (France)
10h35  Delto pectoral approach / J. Dines (USA)
10h40  Discussion
10h45  Humeral inlay / P. Metais (France)
10h50  Humeral onlay / D. Dines (USA)
10h55  Discussion

11h00  Humeral cut
11h05  Inclination 135° / P. Habermeyer (Germany)
11h10  Inclination 145° / G. Athwal (Canada)
11h15  Discussion
11h20  Inferior tilt
11h25  I do! / P. Boileau (France)
11h30  I don’t do! / J. Agneskirchner (Germany)
11h35  Subscapularis
11h40  I don’t cut it / A. Laedermann (Switzerland)
11h45  I cut it and I repair it / L. Neyton (France)
11h50  I never repair it / L. Lafosse (France)
11h55  I repair it sometimes / S. Antuna (Spain)
12h00  Humeral cut
12h05  Inclination 135° / P. Habermeyer (Germany)
12h10  Inclination 145° / G. Athwal (Canada)
12h15  Inclination 155° / E. Calvo (Spain)
12h20  Discussion
12h25  Do you lateralize and how?
12h30  No I don’t lateralize / E Calvo (Spain)
12h35  Yes I lateralize with a bone graft (BIO RSA) / P. Boileau (France)
12h40  Yes I lateralize with metal (2/3 Sphere) / M. Frankle (USA)
12h45  Yes I lateralise with metal (MB) / Ph. Valenti (France)
12h50  Discussion
> SATURDAY FEBRUARY 16th, 2019

12h30-14h00 LUNCH BREAK & INDUSTRY WORKSHOPS

> 14h00-15h00 PRESENTATIONS CLINICAL RESULTS
   Moderators: Ph. Collin (France), A. Laedermann (Switzerland)

14h00 Primary shoulder arthroplasty under age of 60 years old. Factors of survival of 1332 cases with a minimum follow up of 2 years / L. Favard (France)

14h10 Clinical and radiological long term results of reverse stem less prostheses / J. Teissier, Ph. Teissier (France)

14h20 Clinical results Long FU of short metaphyseal stemless RTSA / O. Levy (UK)

14h30 Long FU of RSA in patients < 60 years of age / C. Gerber (Switzerland)

14h40 Standard RSA versus BIO RSA: what is the best clinical outcome? / Ph. Collin (France)

14h50 Cost efficiency and RTSA / A. Castagna (Italy)

> 15h00-16h00 NEW TRENDS VIDEO DEMONSTRATIONS: PRE-OP PLANIFICATION
   Moderators: O. Levy (UK), G. Walch (France)

15h00 Patient Specific Instrumentation and Guided Personalized Surgery is An Absolute Necessity / J.P. Warner (USA)

15h10 Pre-op Planning and Navigation in Total Shoulder Arthroplasty / PH. Flurin (France)

15h20 3D Pre-Operative Planning And PSI For Correction Of Highly Deformed Glenoids in Primary OA / O. Verborgt (Belgium)

15h30 Pre-op planification validation after RSA / Ph. Valenti (France)

15h40 AltiVate Reverse® Shoulder System: Versatility in all Indications from Primary, Fracture and Revision / M. Frankle (USA)

15h50 Virtual Implant Positioning / J. Dines (USA)

> 16h00-16h30 COFFEE BREAK & VISIT OF THE EXHIBITION

> 16h30-17h10 PRESENTATIONS
   Moderators: J. Agneskirchner (Germany), L. Neyton (France)

16h30 RTSA for locked anterior and posterior dislocations / J. Sanchez Sotelo (USA)

16h40 RTSA and deltoid atrophic / A. Laedermann (Switzerland)

16h50 RTSA and Parkinson disease / M. Frankle (USA)

17h00 RTSA and Episcopo: results between 5 to 15 years / J.D. Werthel (France), Ph. Valenti (France)

> 17h10-17h40 INTERACTIVE CASE DISCUSSION (3 clinical cases)
   Osteoarthritis over 75 years of age with a functional cuff; RTSA systematically?
   Moderators: J Porcellini (Italy), M. Simoni (Brazil)
   Speakers: J. Dines (USA), A. Romeo (USA), H. Thomazeau (France), G. Walch (France)

> 17h40-18h40 PRESENTATION
   How to manage a complication of RTSA?
   Moderators: L. Favard (France), O. Verborgt (Belgium)

17h40 Pre-operative planification of failed RTSA / J. Agneskirchner (Germany)

17h50 Is small glenoid component of RSA necessary in Korean population? / Y-S. Kim (Korea)

18h00 How to manage fractures of the scapula / L. Neyton (France)

18h10 How to revise humeral loosening; results with a long FU / M. Frankle (USA)

18h20 How to revise glenoid loosening: Results with a long FU / J. Sperling (USA)

18h30 How to revise an unstable RSA: Clinical results / Ph. Valenti (France)

> 18h40-19h00 END OF MEETING
   Ph. Valenti (France), M. Scheibel (Switzerland/Germany)
LIVE SURGERIES • Room LA SEINE
DETAILED PROGRAM

> THURSDAY FEBRUARY 14th, 2019

15h00-19h00 > LIVE AND RELIVE SURGERIES
Bizet Clinic
Case presentations: J.D. Werthel (France)
Responsibles operating room: Ph. Valenti, A. Vidil (France)
Anesthesiologists: G. Dumenil, A. Sokoloff (France)
Local surgical team: J. Carneiro, S. Benavente, Ch. Bou Khalil, K. Raptis (France)
Operating room: I. Dutrieux (France)
Sterilization: H. Qaissi (France)

11h40-12h00 > RELIVE
Zimmer Biomet Glenoid Reconstruction
C. Gerber (Switzerland)

> LUNCH BREAK

13h30-13h50 > RELIVE
RTSA Using the Univers Revers™ Modular Glenoid System
B. Parsons (USA)

> VIDEO DEMONSTRATION AND PRESENTATION

15h00 > LIVE SURGERY
Zimmer Biomet Total Shoulder Arthroplasty
O. Verborgt (Belgium)

16h00 > RELIVE
Shoulder Navigation
R. Charvet (France)

16h20 > LIVE SURGERY
Reverse + Allograft + tendon
Ph. Valenti (France)

17h20 > RELIVE
Simplicity Stemless TSA with AQUALIS™ PERFORM™ augmented Glenoid
G. Athwal (Canada)

17h40 > RELIVE
Stryker ReUnion Reverse Shoulder Arthroplasty for Cuff Tear Arthropathy Using Patient Specific Instrumentation
J. Sanchez-Sotelo (USA)

18h30 > End of the day and welcome cocktail

> FRIDAY FEBRUARY 15th, 2019

15h00-19h00 > LIVE AND RELIVE SURGERIES
Bizet Clinic
Case presentations: A. Iserin (France)
Responsibles operating room: Ph. Valenti, Ch. Dib (France)
Anesthesiologists: G. Dumenil, A. Sokoloff, J. De Ketelaere (France)
Local surgical team: J. Carneiro, S. Benavente, Ch. Bou Khalil, K. Raptis (France)
Operating room: I. Dutrieux (France)
Sterilization: H. Qaissi (France)

15h00 > LIVE SURGERY
ATSU Using the Univers™ Apex and VaultLock® Systems
A. Pomer (USA)

16h00 > LIVE SURGERY - Moderator: Ph. Collin (France)
AQUALIS™ PERFORM™ REVERSED with BLUEPRINT™ Technology
M. Scheibel (Switzerland/Germany)

17h00 > LIVE SURGERY - Moderator: W. Burkhead (USA)
Short Stemless “Easytech Reversed”
G. Nourissat (France)

18h00 > LIVE SURGERY
Reverse Shoulder Arthroplasty Delta Xtend
L. Lafosse (France)

19h00 > End of the day

ULTRASOUND WORKSHOPS

> THURSDAY FEBRUARY 14th, 2019

15h00-18h00 ULTRASOUND WORKSHOP • Room G-H-I-J
Under the direction of: J. De Beer (South Africa)
Instructors: Y. Carlier (France), M. Ferrand (France), F. Rauher (Germany)
With the support of:
SIEMENS
SAMSUNG

> FRIDAY FEBRUARY 15th, 2019

15h00-18h00 ULTRASOUND WORKSHOP • Room G-H-I-J
Under the direction of: J. De Beer (South Africa)
Instructors: K. Kruse (USA), C. Conso (France), Y. Carlier (France), Ph. Moroder (Germany), F. Rauher (Germany)
With the support of:
SIEMENS
SAMSUNG
**THURSDAY FEBRUARY 14th, 2019**

**LUNCH WORKSHOPS**

12h00-13h30  **LUNCH WORKSHOPS**

**LUNCH WORKSHOP BY ARTHREX • Room D-E**
Moderator: A. Romeo (USA)
- Superior Capsular Reconstruction / J. Dines (USA)
- Evolvement of Arthroscopic AC Joint Reconstruction Techniques / M. Scheibel (Switzerland/Germany)
- Univers Revers™ for Fracture Reconstruction / B. Parsons (USA)

**LUNCH WORKSHOP BY ZIMMER BIOMET INSTITUTE • Room A-B**
- Glenoid management in reverse shoulder arthroplasty - new techniques & solutions to address the spectrum of bone deficiency / D. Dines (USA), J. Sperling (USA)

**LUNCH WORKSHOP BY WRIGHT MEDICAL • Room F**
- AEQUALIS ASCEND™ FLEX: clinical results, tips & tricks / G. Walch (France)
- BLUEPRINT™ 3D planning: How it will Change your Shoulder Arthroplasty Decision Making? / P. Bobileau (France)

**FRIDAY FEBRUARY 15th, 2019**

12h30-14h00  **LUNCH WORKSHOPS**

**LUNCH WORKSHOP BY ZIMMER BIOMET INSTITUTE • Room A-B**
- The science behind a new versatile glenoid solution to address surgeon & patient needs / C. Gerber (Switzerland), O. Verborgt (Belgium)

**LUNCH WORKSHOP BY ARTHREX • Room D-E**
Moderator: B. Parsons (USA)
- Arthrex ECLIPSE™ – Stemless Clinical Track Record / Ph. Moroder (Germany)
- Universal Glenoid™ – Convertible Glenoid Midterm Results / P. Harbermeyer (Germany)
- Univers™ Apex and Univers VaultLock® Clinical Review / A. Mazzocca (USA)

**LUNCH WORKSHOP BY FX SOLUTIONS • Room F**
- Once upon a time / L. Obert (France), T. Lascar (Monaco)
- Reverse shoulder arthroplasty with FX prosthesis for complex scenarios / B. Burkhead (USA)
- Glenoid management in anatomic TSA / D. Glaser (USA)
- RTSA for FX with interlocking proximal humerus stem / U. Srikumaran (USA)
- Fundamentals of fracture arthroplasty / T. Moen (USA)
- Easytech Stemless: technical tricks to improve stability / G. Nourissat (France)

**SATURDAY FEBRUARY 16th, 2019**

12h30-14h00  **LUNCH WORKSHOPS**

**LUNCH WORKSHOP BY DJO • Room A-B**
- Then and Now: The Reverse® Shoulder Prosthesis
  The Altivate Reverse® shoulder system is the latest reverse shoulder solution from DJO Surgical®. Based on the design philosophy of the Reverse Shoulder Prosthesis® (RSP®), the Altivate Reverse combines the design philosophy of an inlaid, 135° humeral stem and lateralized center of rotation with innovations such as P2™ porous coating and e+™ polyethylene. With a philosophy backed by 10 years of clinical data and now available in 2 humeral shell sizes, the Altivate Reverse is designed to be a truly anatomic system for more of your patients / M. Frankle (USA), D. O’Brian (Ireland)

**LUNCH WORKSHOP BY GROUPE FH ORTHO • Room D-E**
- Total Shoulder Arthroplasty:
  - Polyethylene is probably not « the gold standard » in anatomic TSA / J. Kany (France), D. Katz (France)
  - Reversed Shoulder Arthroplasty:
    - What is lateralization made for? / J.D. Werthel (France)
    - Platform system and long peg: a must have or a good to have? / J. Kany (France)
  - Clinical cases and feedback about the preminilary outcome of the 1st patient series in Israel / R. Yaron (Israel)

**LUNCH WORKSHOPS**
CADAVER WORKSHOPS
(Optional - Specific registration required)

Paris Hospitals Surgery School
7 rue du Fel à Moulin
75005 Paris

Shuttle from the Marriott at 14h00
More information at the course welcome desk

THURSDAY FEBRUARY 14th, 2019

14h30-18h00 CADAVER WORKSHOPS
Coordinator: Ph. Valenti (France)
Course Instructor: Ph. Moroder (Germany), F. Toft (Switzerland), M. Cartaya (Chile)

DJO
Reversed Shoulder Arthroplasty
Moderator: M. Frankie (USA), O. O’Brien (Ireland)

EVOLUTIS
Total Reverse Shoulder surgery with the Head-Op®
Holographic assistance
Moderator: L. Merini (France), G. Chaumeil (France)

FRIDAY FEBRUARY 15th, 2019

14h30-18h00 CADAVER WORKSHOPS
Coordinator: Ph. Valenti (France)
Course Instructor: J-D. Werthel (France), A. Maqdes (Koweit)

GROUPE FH ORTHO
How to use the Lateralized long post base plate in case of glenoid bone loss or Revision?
Course instructors: K. Elkolti (France), P. Sauzière (France), M. Cartaya (Chile), R. Yaron (Israel)

MEDACTA
Medacta Shoulder System: Anatomic and Reverse options
Course Instructors: B. Joost (Switzerland), M. Zumstein (Switzerland), B. Toussaint (France), L. Favard (France), T. Bencilfate (France)
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# CONGRESS ORGANISATION

**Philippe Valenti, MD**  
Institut de la main  
Clinique BIZET  
21, rue Georges BIZET  
75016 Paris

**Markus Scheibel, MD, Professor**  
Schulthess Clinic,  
Lenghalde 2, CH-8008 Zurich  
and Center for Musculoskeletal Surgery,  
Charité - Universitätsmedizin Berlin,  
Augustenburger Platz 1  
DE-13353 Berlin

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**CONTACTS**

**CHAIRMEN**

Philippe Valenti, MD  
Institut de la main  
Clinique BIZET  
21, rue Georges BIZET  
75016 Paris

Markus Scheibel, MD, Professor  
Schulthess Clinic,  
Lenghalde 2, CH-8008 Zurich  
and Center for Musculoskeletal Surgery,  
Charité - Universitätsmedizin Berlin,  
Augustenburger Platz 1  
DE-13353 Berlin

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**CONGRESS ORGANISATION**

**Eventime**

13 rue du docteur Combalat  
13006 Marseille, France, France  
Tel: +33 (0)4 91 94 54 72  
Fax: +33 (0)4 91 94 30 33

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**COMPETITION TIME**

Win a prize

1. Apple Ipad & a registration to PISC 2021  
2. Bluetooth Bose Speakers & a registration to PISC 2021  
3. 200 € FNAC gift card & a registration to PISC 2021

Prizes will be awarded Saturday at 12:30 in the plenary room

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**DISCOVER**

Try out the new smartphone application offering the following features:

- Browse the final programme, speakers and sponsors
- Exhibitor location on floorplan

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**Surgical Simulation Competition**

Our partner, VirtaMed, will organize a performance-based arthroscopy contest during PISC 2019.

Come and challenge yourself on booth 19!

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**Paris International Shoulder Course 2019**

Paris, France (14.-16.02.2019)

has been granted 23 European CME credits (ECMEC®s) by the European Accreditation Council for Continuing Medical Education (EACCME®).
PARIS INTERNATIONAL SHOULDER COURSE 2019

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