

PARIS

INTERNATIONAL

SHOULDER

COURSE

2024

March, 13-16th

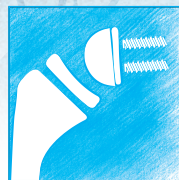
PARIS, FRANCE

PRELIMINARY PROGRAM

Shoulder Arthroplasty

—

Current Concepts



VENUE
Méridien Etoile

81 bd. Gouvion Saint Cyr
75017 Paris - France



Under the direction of

- Ph. Valenti
- M. Scheibel
- J-D. Werthel

www.paris-shoulder-course.com

ORGANISATION

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PRELIMINARY PROGRAM

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WELCOME MESSAGE

Dear colleagues and friends,

On behalf of the scientific committee It is a great honour for us to invite you to the 6th edition of the Paris International Shoulder Course (PISC) 2024. PISC represents the world's largest meeting dedicated to the state of the art, recent developments, and innovations in shoulder replacement.

Our principal goal is to teach fundamental knowledge and practical skills of arthroplasty surgery of the shoulder with regards to current planning strategies, surgical techniques, and modern implants to all levels, from junior trainees to experts in the field. The course will provide plenty of space for exciting dialogues and discussions to get a detailed overview of the current strategies and controversies in one of the most fascinating and growing fields of orthopedic surgery.

One focus of PISC 2024 will be the treatment of complex fractures of the shoulder ranging from non-operative treatment to advanced osteosynthesis techniques and arthroplasty options. The numbers of primary arthroplasties are increasing and so are the numbers of complications and revisions. For the first time, one full day will be dedicated to this relevant topic. Leading experts from all over the globe will contribute and provide insight how to solve difficult problems during revision procedures.

Video demonstrations, live surgeries and mini battles with international and national experts will complement the scientific lectures.

A large place will be devoted to digital innovations in the field of pre-operative planning, navigation, artificial intelligence and robotics for both anatomic and reverse shoulder arthroplasty. 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. And, of course, this event will be, once again, a great occasion to network with your colleagues from all over the world. This course belongs to you, and these 3 world-class scientific days will be of great benefit to everyone.

See you (again) in Paris for PISC 2024!

Philippe Valenti **Markus Scheibel** **Jean-David Werthel**

Chairmen PISC 2024

ENDORSEMENTS





WEDNESDAY
MARCH 13, 2024

14:30-19:30 **PRE-CONGRESS MEETING: KOL INDUSTRY SESSION**
Moderated by Gilles Walch (France)

For the first time, this edition of PISC will start on the afternoon of **Wednesday 13th** with an **exciting session moderated by Gilles Walch.**

Different speakers from around the world will discuss the best design parameters in terms of distalization and lateralization for RSA in 2024. In addition, all major companies will showcase their latest digital innovations in terms of planning, navigation, robotics and artificial intelligence.

14:30 **Introduction**
Chairmen: Philippe Valenti (France), Markus Scheibel (Switzerland/Germany), Jean-David Werthel (France)

Implant Design Sessions
Moderator: Gilles Walch (France)

Expert Sessions
Industry Experts (to be announced shortly)

Discussion
with Gilles Walch (France)

Coffee break

Innovation Stations

Coffee break

Innovation Stations

19:30 **End of Session**



THURSDAY
MARCH 14, 2024

FRACTURES OF THE SHOULDER AND SHOULDER GIRDLE

07:00-07:15 **WELCOME**

P. Valenti (France), M. Scheibel (Switzerland/Germany), J-D. Werthel (France)

07:15-08:15 **SESSION I**

Special Invited Guest Lecture:

A new classification for proximal humerus fractures? // J. Sanchez-Sotelo (USA)

Surgical Neck Fractures of the Proximal Humerus

Moderators: J. Sanchez-Sotelo (USA), M. Scheibel (Switzerland/Germany)

Case presentation: Audience votes // S. Brorson (Denmark)

- Non-operative vs surgical treatment // C. Torrens (Spain)
- Osteosynthesis: Choice between plate vs nail vs other options // F. Kralinger (Austria)
- Is there an indication for RSA when the tuberosities are intact? // B. Jost (Switzerland)

Audience re-votes

Discussion // S. Brorson (Denmark)

08:15-09:00 **SESSION II**

Three- and Four-Part Fractures of the Proximal Humerus - Varus Posteromedial and Valgus Impacted

Moderators: C. Torrens (Spain), J-D. Werthel (France)

Case presentation: Audience votes - A. Malhas (UK)

- Pushing the indications for non-operative treatment and how I do it // S. Brorson (Denmark)
- Varus posteromedial: My approach of reduction and fixation // P. Boileau (France)
- Valgus impacted fractures : Implications for plate osteosynthesis // F. Moro (Schweizerland)
- When are the best results achieved using an arthroplasty // M. Zumstein (Switzerland)

Audience re-votes

Case discussion // A. Malhas (UK)

09:00-09:30 **SESSION III**

Relive Surgical Technique Videos - Innovation Surgical Techniques and Mixed Reality for Complex Proximal Humerus Fractures

Moderators: J-A. Abboud (USA), A. Godenèche (France)

- Victory plate for proximal humeral fractures // J. Sanchez-Sotelo (USA), M. Scheibel (Switzerland/Germany)
- RSA for fractures using a 135° neck-shaft angle and the FiberTape Cerlage System // J. Steinbeck (Germany)
- Tips and tricks in RSA for acute proximal humerus fractures // A. Malhas (UK)

09:30-10:00 Coffee break

10:00-11:00 **SESSION IV**

Fracture Dislocation, Impression Fractures and Head-Splits

Moderators: P. Boileau (France), U. Brunner (Germany)

Case presentation: Audience votes - B. Jost (Switzerland)

- Anterior fracture dislocations including greater tuberosity fractures // J-A. Abboud (USA)
- Posterior fracture dislocations // F. Kralinger (Austria)
- Humeral head impression injuries // P. Moroder (Switzerland)
- Head-Splits: Classification and treatment strategies // M. Scheibel (Switzerland/Germany)

Audience re-votes

Case discussion // B. Jost (Switzerland)



PRELIMINARY
PROGRAM

THURSDAY
MARCH 14, 2024

11:00-11:30 **SESSION V**
Relive Surgical Technique Videos – Proximal Humeral Fractures and Fractures Around the Shoulder
Moderators: K. Wieser (Switzerland), B. Jost (Switzerland)

- New concepts for ORIF of proximal humeral fractures using the Tamina plating system // B. Moor (Switzerland), M. Zumstein (Switzerland)
- Complex fractures of the shoulder girdle/floating shoulder // T. Lafosse (France)
- Treatment options of glenoid fractures // E. Calvo (Spain)

11:30-12:30 **SESSION VI**
Live-Surgery
Moderators: F. Franceschi (Italy), J. Kany (France)
Surgeon: P. Valenti (France)

12:45-13:45 Lunch and Industry Workshops

14:00-15:00 **SESSION VII**
Live-Surgery • Reverse total shoulder arthroplasty - using full-wedge metallic augmentation
Moderators: L. Neyton (France), G. Nicholson (USA)
Surgeon: M. Scheibel (Switzerland/Germany)

15:00-15:20 **SESSION VIII**
Invited Special Guest Lecture
Moderators: G. S. Athwal (Canada), J-D. Werthel (France)

- Evolvement of fracture sequelae management over the last 25 years // P. Boileau (France)

Discussion

15:20-16:00 Coffee break

16:00-17:00 **SESSION IX**
Live-Surgery • Anatomical total shoulder arthroplasty
Moderators: B. Edwards (USA), A. Lädermann (Switzerland)
Surgeon: P. Collin (France)

17:00-18:30 **SESSION X**
Cross-Fire Discussion on Fracture Sequelae Management
Moderators: P. Collin (France), R-Z. Tashjian (USA)
Case presentation: Audience votes - O. Verborgt (Belgium)

- Management of failed reduction after ORIF: React or wait and see? // J-D. Werthel (France)
- RSA for complex fractures: Acute vs delayed treatment // B. Schoch (USA)
- Posttraumatic necrosis in young patients – Treatment options // G. Nicholson (USA)
- Non-union for surgical neck fractures : ORIF vs arthroplasty // U. Brunner (Germany)
- Which bony malunions are amenable for osteotomies? // P. Denard (USA)
- RSA for post-traumatic OA with malunion of the GT: Osteotomy of GT / proximal resection and APC, SRS / leave the malunion and stemless/short stem? // G. S. Athwal (Canada)
- Chronic locked dislocations: Reduce and reconstruct or reduce and replace? // P. Raiss (Germany)

Audience re-votes

Case discussion // O. Verborgt (Belgium)



FRIDAY
MARCH 15, 2024

PRIMARY SHOULDER ARTHROPLASTY AND ALTERNATIVE TECHNIQUES

07:00-07:45 **SESSION I**

Chondral Lesions of the Glenohumeral Joint

Moderators: A. Miniaci (USA), T. Patzer (Germany)

Case presentation: Audience votes - A. Castagna (Italy)

- Diagnostics and non-operative treatment // J. Kany (France)
- Reconstructive procedures of isolated cartilage defects // E. Ricchetti (USA)
- CAM procedure vs arthroplasty in early osteoarthritis // G. Porcellini (Italy)
- My approach to treat static posterior subluxation // L. Lafosse (France)
- New perspectives on static posterior subluxation // P. Moroder (Switzerland)

Audience re-votes

Case discussion // A. Castagna (Italy)

07:45-09:00 **SESSION II**

Primary Osteoarthritis – The easy glenoid (Type A and B1)

Moderators: P. Moroder (Switzerland), M. Zumstein (Switzerland)

Case presentation: Audience votes - T. Lafosse (France)

- Hemi-Pyroc carbon: Did it stand the test of time? // A. Godenèche (France)
- All-polyethylene: Pearls and long-term outcomes // G. S. Athwal (Canada)
- Hybrid implants: The way to go // O. Verborgt (Belgium)
- Metal-backed anatomic: Optimized fixation and easier to revise // A. Castagna (Italy)
- Inverting the bearing surfaces // U. Brunner (Germany)
- Forget about the anatomic, just do reverse: pearls with an intact cuff // A. Jawa (USA)

Audience re-votes

Case discussion // T. Lafosse (France)

09:00-09:30

SESSION III

Relive Surgical Technique Videos – Tips and Tricks Humeral Cut/Humeral Implants

Moderators: E. Calvo (Spain), P. Denard (USA)

- Altivate Reverse // B. Edwards (USA)
- Short Stem RSA // J. Sperling (USA)
- Stemless RSA // T. Patzer (Germany)

09:30-10:00 Coffee break

10:00-11:00

SESSION IV

Primary OA – The complex glenoid (Type A2, B2, B3, D)

Moderators: L. Lafosse (France), G. Walch (France)

Case presentation: Audience votes - J. Sperling (USA)

- When is an anatomical arthroplasty still possible // J. Iannotti (USA)
- New technologies (inset implants etc.) // A. Miniaci (USA)
- RSA : I don't care about the deformity // A. Jawa (USA)
- BIO-RSA (bone graft) vs MIO-RSA (metallic augment) // G. Porcellini (Italy)
- RSA : Hybrid reconstruction of the glenoid // A. Lädermann (Switzerland)
- How I approach the complex glenoid in small patients // J.C. Yoo (South Korea)

Audience re-votes

Case discussion // J. Sperling (USA)

11:00-11:30

SESSION V

Relive Surgical Technique Videos – Tips and Tricks for Glenoid Reconstruction

Moderators: A. Lädermann (Switzerland), H. Sugaya (Japan)

- Optimizing glenoid positioning using navigation (GPS) // R. Charvet (France)
- Augmented baseplate with depth and ream control in RSA // P. Denard (USA)
- How I manage a severe B2 // J. Sperling (USA)



FRIDAY
MARCH 15, 2024

11:30-12:30 **SESSION VI**
Live-Surgery • Reverse arthroplasty and Bio-RSA
Moderators: J. Sanchez-Sotelo (USA), M. Scheibel (Switzerland/Germany)
Surgeon: J-D. Werthel (France)

12:45-13:45 Lunch and Industry Workshops

14:00-15:00 **SESSION VII**
Live-Surgery • Reverse arthroplasty
Moderators: A. Castagna (Italy), S. Bale (UK)
Surgeon: P. Metais (France)

15:00-15:20 **SESSION VIII**
Philippe Hardy Guest Lecture
Moderators: J. Iannotti (USA), P. Valenti (France)

- The history of the Walch Classification // G. Walch (France)

Discussion

15:20-16:00 Coffee break

16:00-17:00 **SESSION IX**
Live-Surgery • RSA
Moderator: D. Dines (USA)
Surgeon: O. Verborgt (Belgium)

17:00-18:30 **SESSION X**
Massive irreparable rotator cuff tear – cuff tear arthropathy
Moderators: D. Akgün (Germany), B. Jost (Switzerland)
Case presentation: Audience votes - M. Frankle (USA)

- Non-arthroplasty options - Where do we stand in 2024 // J-A. Abboud (USA)
- 10th Anniversary of RSA in Japan, what did you learn? // H. Sugaya (Japan)
- Subscapularis-sparing approach for RSA // L. Lafosse (France)
- Lateralization and distalization - What are we taking about? // A. Walch (France)
- Onlay, inlay and flushlay - Influence of different radiographic parameters on shoulder function // A. Werner (Germany)
- Positioning of the RSA when there is no more cuff // P. Boileau (France)
- Addressing severe superior erosion // L. Neyton (France)
- How to improve internal rotations after RSA? // P. Collin (France)
- Is a tendon transfer really necessary? // P. Valenti (France)

Audience re-votes

Case discussion // M. Frankle (USA)



**SATURDAY
MARCH 16, 2024**

COMPLICATIONS AND REVISION SHOULDER ARTHROPLASTY

07:30-09:00 **SESSION I**

Glenoid Loosening - Revision Techniques and Outcomes

Moderators: A. Castagna (Italy), B. Schoch (USA)

Case presentation: Audience votes - L. Lafosse (France)

- Evaluation of glenoid bone loss: Place of new softwares // J.-D. Werthel (France)
- Glenoid loosening in ATSA: Conversion to hemi or glenoid re-implantation // K. Wieser (Switzerland)
- Glenoid loosening in ATSA : Conversion to RSA // M. Scheibel (Switzerland/Germany)
- Metal-back: Different failure modes and different revision strategies? // P. Valenti (France)
- Glenoid loosening in RSA: Autograft vs allograft reconstruction // R-Z. Tashjian (USA)
- One-stage vs two-stage reconstruction of the glenoid // M. Zumstein (Switzerland)
- Glenoid loosening in RSA with severe bone loss – Custom made components // D. Dines (USA)
- Conversion to hemi-arthroplasty or resection arthroplasty after RSA failure // M. Frankle (USA)

Audience re-votes

Case discussion // L. Lafosse (France)

09:30 – 10:45 **SESSION II**

Humeral Loosening – Revision Techniques and Outcomes

Moderators: P. Denard (USA), A. Jawa (USA)

Case presentation: Audience votes - J. Iannotti (USA)

- Diagnosis of humeral loosening: Stress shielding, calcar resorption, pain? // R-Z. Tashjian (USA)

- Evaluation of humeral bone loss // F. Franceschi (Italy)
- Tips and tricks to remove a well-fixed humeral stem // G. Nicholson (USA)
- Cement vs metal vs allograft for humeral reconstruction // B. Schoch (USA)
- Is revision from a long stem to a short stem possible? // J. Sanchez-Sotelo (USA)
- How to execute a tendon transfer in case of humeral bone loss? // B. Elhassan (USA)
- Prevention of humeral loosening: Cement? Stemless? Short stem? Standard stem? // P. Raiss (Germany)

Audience re-votes

Case discussion // J. Iannotti (USA)

11:00-12:30 Brunch and Industry Workshops

12:30-13:30 **SESSION III**

Interactive Case Discussion – Complex Glenoid and Humeral Loosening and how I approach them?

Moderator: D. Dines (USA)

Case presentation: D. Dines (USA)

Faculty: G. Athwal (Canada), P. Collin (France), C. Gerber (Switzerland), A. Lädermann (Switzerland), L. Lafosse (France), A. Miniaci (USA), J. Steinbeck (Germany), O. Verborgt (Belgium), J.C. Yoo (South Korea)

13:30-14:30 **SESSION IV**

Periprosthetic Fractures and Infections

Moderators: M. Frankle (USA), G. Porcellini (Italy)

Case presentation: Audience votes - A. Lädermann (Switzerland)

- Periprosthetic humeral fractures: Treatment and prevention // J. Sanchez-Sotelo (USA)
- Acromial and spinal stress fracture: Classification, indication and management // J.C. Yoo (South Korea)
- Infection: Progress in preop work-up? // D. Akgün (Germany)
- Infection with one stage revision // J.-D. Werthel (France)
- Infection with two stage revision // C. Gerber (Switzerland)

Audience re-votes

Case discussion // A. Lädermann (Switzerland)



SATURDAY MARCH 16, 2024

14:30-15:00 SESSION V

Relive Surgical Technique Videos – Tips and Tricks for Revision

Moderators: P. Collin (France), H. Sugaya (Japan)

- Revision of glenoid loosening in RSA with coracoid graft // P. Valenti (France)
- Revision of glenoid bone loss with metal // S. Bale (UK)
- Revision of glenoid loosening - using allograft reconstruction of the glenoid // P. Boileau (France)

15:00-15:30 Coffee break

15:30-16:30 SESSION VI

Prosthetic revision for rotator cuff insufficiency and instability

Moderators: F. Franceschi (Italy), J. Steinbeck (Germany)

Case presentation: Audience votes - B. Schoch (USA)

- Subscapularis failure following ATSA: Repair, tendon transfer or conversion to RSA? // B. Elhassan (USA)
- Posterior instability after ATSA // J. Kany (France)
- Instability after RSA: Restoration of length and lateral offset // P. Valenti (France)
- Instability after RSA: No obvious cause // M. Frankle (USA)
- Prevention: How to make sure your RSA remains stable? // O. Verborgt (Belgium)

Audience re-votes

Case discussion // B. Schoch (USA)

16:30-17:00 SESSION VII

Relive Surgical Technique Videos – Tips and Tricks

Moderators: T. Lafosse (France), P. Raiss (Germany)

- Humeral bone loss reconstruction using revision arthroplasty stems // E. Calvo (Spain)
- Humeral bone loss reconstruction with allograft // J-D. Werthel (France)
- Humeral bone loss reconstruction with metal (HRP) // B. Schoch (USA)

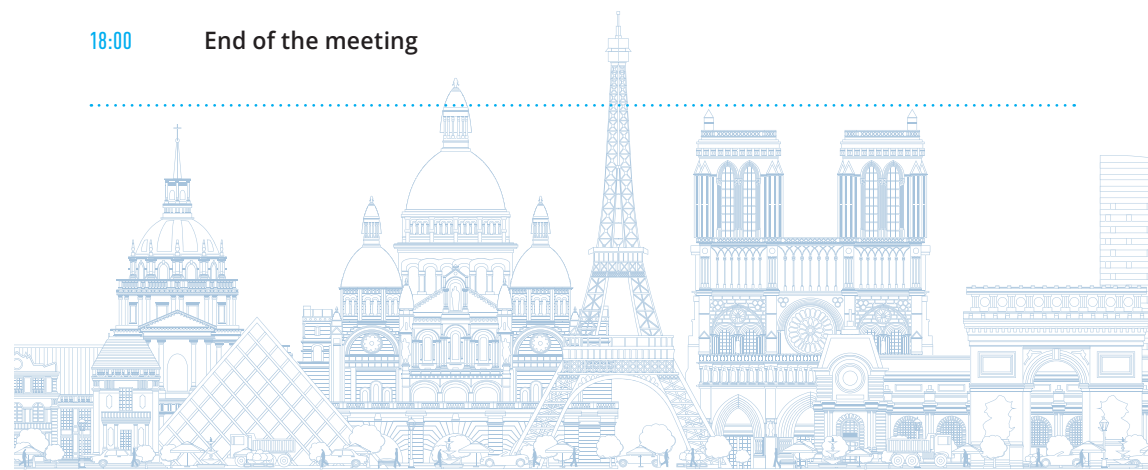
17:00-18:00 SESSION VIII

Miscellaneous problems and complications

Moderators: B. Elhassan (USA), P. Valenti (France)

- Painful ATSA : No obvious cause // C. Gerber (Switzerland)
- Painful RSA : No obvious cause // A. Castagna (Italy)
- BP injury post-arthroplasty: Permanent? Transient? How to differentiate? // T. Lafosse (France)
- Allergy and Arthroplasty : Prevention, diagnosis and treatment // A. Lädermann (Switzerland)
- Deltoid palsy after RSA : therapeutic options // K. Wieser (Switzerland)
- Fusion after RSA and RSA after fusion : What is possible? // J. Iannotti (USA)

18:00 End of the meeting



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