

PARIS INTERNATIONAL **SHOULDER** COURSE

2022

July, 7-9

Le Meridien Étoile
PARIS, FRANCE

5th ANNOUNCEMENT

Shoulder
Arthroplasty
—
Current
Concepts



WWW.PARIS-SHOULDER-COURSE.COM

Under the direction of
Ph. Valenti
M. Scheibel

PARIS

INTERNATIONAL SHOULDER COURSE

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WELCOME MESSAGE

On behalf of the scientific committee it is a great pleasure for us to announce the 5th edition of the Paris International Shoulder Course - PISC 2022. PISC has become the world's largest meeting dedicated to shoulder replacement and covers the state of the art, recent developments and innovations of this continuously evolving subject.

Our principal goal is to offer fundamental knowledge of shoulder arthroplasty with regards to current planning strategies, innovative techniques and modern implants to all levels, from junior trainees to experts in the field. The course will combine theoretical and practical elements providing plenty of space for exciting dialogs and discussions to get a detailed overview of the current controversies in shoulder replacement surgery. Another focus of PISC 2022 will be the long-term follow up and the management of complications. With increasing numbers of primary interventions revision surgery still represents an underestimated problem that is mainly solved in specialized centers. Diagnostic strategies and therapeutic options including salvage procedures will be presented during the meeting.

Video demonstrations, live surgeries and mini battles with international and national experts will complement the scientific lectures. Practical skills can be improved and enhanced in ultrasound and cadaver workshops.

A large place should be dedicated to the pre-operative planning of the anatomic and reverse arthroplasty; all the software should be analyzed.

Also, a discussion with the world experts will allow for each one to improve this useful tool in your practice

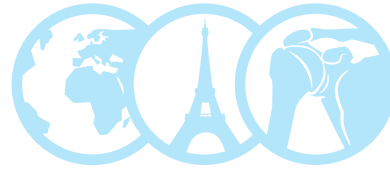
A large conference area will be set up for debates where experienced specialists will be able to share their knowledge and examples of difficult cases. And, of course, this event will be, once again, a great occasion to network with your colleagues from all over the world.

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 2022!

Philippe VALENTI Markus SCHEIBEL
Course Chairmen

PROGRAM AT A GLANCE



> THURSDAY, JULY 7, 2022

Difficult shoulder fractures: current controversies, treatment strategies and management of complications

- Scientific presentations, Video demonstrations, Interactive case discussions, Mini-battle, Live surgeries, ultrasound workshop, Industry lunch symposia.

> FRIDAY, JULY 8, 2022

Anatomic total shoulder arthroplasties: state of the art, new treatment options and results of revision procedures

- Scientific presentations, Video demonstrations and Relive Surgery, Interactive case discussions, Mini-battle, Live surgeries, ultrasound workshop, Industry lunch symposia.

CADAVER WORKSHOPS

(Optional - Specific registration required)

14.00-17.00 - **Cadaver and artificial bone workshop** (2 Sessions)

Paris Hospital Surgery School / L'école de Chirurgie du Fer à Moulin

7rue du Fer à Moulin, 75005 Paris

(Shuttle from the Le Méridien Hotel will be provided)

> SATURDAY, JULY 9, 2022

Reverse shoulder arthroplasties: history, recent developments and management of complications

- Scientific presentations, Video demonstrations and Relive Surgery, Interactive case discussions, Mini-battle, Industry lunch symposia.

Chairmen

Valenti Philippe
France

Scheibel Markus
Switzerland/Germany

Scientific Committee

Athwal George S.
Canada

Castagna Alessandro
Italy

Gerber Christian
Switzerland

Iannotti Joseph
USA

Verbogt Olivier
Belgium

Mark Frankle
USA

Faculty List

Agneskirchner Jens (<i>Germany</i>)	Kany Jean (<i>France</i>)
Akgün Doruk (<i>Germany</i>)	Kazum Efi (<i>Israel</i>)
Athwal George S. (<i>Canada</i>)	Kralinger Franz (<i>Austria</i>)
Barth Johannes (<i>France</i>)	Lafosse Thibault (<i>France</i>)
Berhouet Julien (<i>France</i>)	Mansat Pierre (<i>France</i>)
Boileau Pascal (<i>France</i>)	Moro Fabrizio (<i>Switzerland</i>)
Brunner Ulrich (<i>Germany</i>)	Moroder Philipp (<i>Switzerland</i>)
Calvo Emilio (<i>Spain</i>)	Neyton Lionel (<i>France</i>)
Caruso Giovanni (<i>Italy</i>)	Ockert Ben (<i>Germany</i>)
Castagna Alessandro (<i>Italy</i>)	Raiss Patric (<i>Germany</i>)
Collin Philippe (<i>France</i>)	Randelli Pietro (<i>Italy</i>)
Dines David (<i>USA</i>)	Sanchez-Sotelo Joaquin (<i>USA</i>)
Elhassan Bassem (<i>USA</i>)	Scheibel Markus (<i>Switzerland/Germany</i>)
Favard Luc (<i>France</i>)	Tashjian Robert (<i>USA</i>)
Flurin Pierre-Henri (<i>France</i>)	Torrens Canovas Carlos (<i>Spain</i>)
Frankle Mark (<i>USA</i>)	Valenti Philippe (<i>France</i>)
Gerber Christian (<i>Switzerland</i>)	Verbogt Olivier (<i>Belgium</i>)
Godenèche Arnaud (<i>France</i>)	Werthel Jean-David (<i>France</i>)
Gupta Ashish (<i>Australia</i>)	Wieser Karl (<i>Switzerland</i>)
Iannotti Joseph (<i>USA</i>)	Zumstein Matthias (<i>Switzerland</i>)
Jost Bernhard (<i>Switzerland</i>)	



UPDATE AND CONTROVERSIES IN COMPLEX PROXIMAL HUMERAL FRACTURES

Session 1
08h00-09h00

Presentations

Current challenges in proximal humeral fracture treatment – How to get it right?

_ Moderators: F. Kralinger (Austria) , Ph Valenti (France)

- > X-rays to 3 D analysis for complex humeral fractures- a useful evolution? – C. Torrens (Spain)
- > Essential steps for ORIF of proximal humeral fractures – M. Scheibel (Switzerland/Germany)
- > Nailing of complex fractures – Which are the key steps for success? – P. Boileau (France)
- > Discussion
- > When I still do a hemi and when I go for a reverse arthroplasty? – U. Brunner (Germany)
- > Long-term outcome of non-operative and surgical fracture treatment – P. Mansat (France)
- > Complications after fracture treatment – Are we getting better? – J.D. Werthel (France)
- > Discussion

Session 2
09h00-09h30

Interactive cases discussion (3 cases)

Non-operative vs osteosynthesis vs arthroplasty treatment for proximal humeral fractures – A decision making process

_ Moderators: C. Torrens (Spain), B. Jost (Switzerland)

- > Cases presentation: B. Jost (Switzerland)
- > Faculty: U. Brunner (Germany), P. Mansat (France) , M. Scheibel (Switzerland/Germany)
- > Summary and conclusion: B. Jost (Switzerland)

09h30-9h45

Relive Surgery

09h45-10h00

Relive Surgery

10h00-10h30

Coffee break

Session 3
10h30-11h30

Presentations

Management of failures after proximal humeral fracture treatment

_ Moderators: P. Mansat (France), F. Moro (Switzerland)

- > How to treat stiffness after proximal humeral fractures? – M. Zumstein (Switzerland)
- > Management of early loss of reduction after ORIF – B. Ockert (Germany)
- > Nonunions and malunions of the surgical neck – F. Moro (Switzerland)
- > Discussion
- > Neglected locked fracture dislocations – C. Gerber (Switzerland)
- > The infected osteosynthesis – Treatment strategies – D. Akgün (Germany)
- > The failed hemiarthroplasty – What to do? – E. Calvo (Spain)
- > Discussion

11h30-12h30

Live Surgery



12h30-14h00

Lunch & Industry Workshops

14h00-15h00

Live Surgery

Session 4

15h00-15h30

Invited special guest lecture

_ Moderator: M. Scheibel (Switzerland/Germany)

> Lessons learned in proximal humeral fracture care during my career – P. Boileau (France)

Session 5

15h30-16h00

Mini battle

Augmentation options or alternative methods for treatment of complex proximal humeral fractures

_ Moderators: U. Brunner (Germany), M. Zumstein (Switzerland)

> I operate without augmentation – Ph. Moroder (Switzerland)

> I operate with graft augmentation – U. Brunner (Germany)

> Cement augmentation works best – F. Kralinger (Austria)

> I replace with metall – B. Jost (Switzerland)

> Discussion

16h00-16h15

Relive Surgery

16h15-16h45

Coffee break

16h45-17h45

Live Surgery

Session 6

17h45-18h15

Interactive case discussion (3 cases)

The most complex fractures and how I approach them?

_ Moderators: F. Kralinger (Austria), B. Ockert (Germany)

> Cases presentation: F. Kralinger (Austria)

> Faculty: P. Boileau (France), M. Scheibel (Germany/Switzerland), C. Torrens (Spain), P. Mansat (France)

> Summary and conclusion: B. Ockert (Germany)



UPDATE AND CONTROVERSIES IN ANATOMIC TOTAL SHOULDER ARTHROPLASTY (ATSA)

Session 1 08h00-09h00

Presentations

Update on preoperative planning for ATSA

_ Moderators: **B. Jost (Switzerland), J. Iannotti (USA)**

- > Advantages of 3D reconstruction versus 2D and x-rays – **L. Neyton (France)**
- > 3D preoperative planning - Which software is the best? – **Ph. Moroder (Switzerland)**
- > Accuracy of PSI or reusable guides versus standard instrumentation – **J. Berhouet (France)**
- > Accuracy of intraoperative 3D navigation in TSA – **P.H. Flurin (France)**
- > Discussion
- > Artificial intelligence and applications in shoulder arthroplasty – **G. Athwal (Canada)**
- > Augmented reality for glenoid component implantation – **J.D. Werthel (France)**
- > Discussion

Session 2 09h00-10h00

Presentations

Metal back in ATSA: Myth or true future?

_ Moderators: **O. Verborgt (Belgium), J.D. Werthel (France)**

- > Evolution of the metal back during the last 30 years – **D. Dines (USA)**
- > How do you explain the high failure rates of metal back in Australia – **A. Gupta (Australia)**
- > Why I continue: metal back versus full PE with more than five-year FU – **Ph. Valenti (France)**
- > Why do you continue anatomic metal back: long-term FU? – **A. Castagna (Italy)**
- > Advantages of humeral platform system – **K. Wieser (Switzerland)**
- > Advantages of complete convertible glenoid component – **J. Kany (France)**
- > Why the new generation of the metal back is the future? – **C. Gerber (Switzerland)**
- > Discussion

10h00-10h30

Coffee break

Session 3
10h30-11h00

Interactive cases discussion (3 cases)

Osteoarthritis in patients older than 80 years of age - Is there still a place for ATSA?

_ Moderators: **E. Calvo (Spain), M. Scheibel (Switzerland/Germany)**

- > Cases presentation: **M. Scheibel (Switzerland/Germany)**
- > Faculty: **J. Agneskirchner (Germany), C. Gerber (Switzerland), O. Verborgt (Belgium)**
- > Summary and conclusion: **E. Calvo (Spain)**

11h00-11h10

Lecture

_ Moderators: **T. Lafosse (France), K. Wieser (Switzerland)**

- > What's New in Periprosthetic Shoulder Infection? – **D. Akgün (Germany)**

Session 4

Interactive case discussion (2 cases)

How to diagnose, manage and prevent an infection?

_ Moderators: **J. Kany (France), Ph. Moroder (Switzerland)**

- > Cases presentation: **Ph. Moroder (Switzerland)**
- > Faculty: **D. Akgün (Germany), P. Randelli (Italy), R. Tashjian (USA), K. Wieser (Switzerland)**
- > Summary and conclusion: **J. Kany (France)**

11h30-12h30

Live Surgery



12h30-14h00

Lunch & Industry Workshops

14h00-15h00

Live Surgery

Session 5

15h00-15h30

Philippe Hardy Lecture

Evolution of the preoperative planning in ATSA and what is the future?

_ Moderator: M. Scheibel (Switzerland/Germany)

- > Evolution of the preoperative planning in ATSA and what is the future? - J. Iannotti (USA)

Session 6

15h30-16h00

Interactive case discussion (3 cases)

How to revise a full PE glenoid loosening in ATSA

_ Moderators: A. Gupta (Australia), R. Tashjian (USA)

- > Cases presentation: R. Tashjian (USA)
- > Faculty: E. Calvo (Spain), D. Dines (USA), Th. Lafosse (France), P. Randelli (Italy)
- > Summary and conclusion: A. Gupta (Australia)

16h00-16h30

Coffee break

16h30-17h30

Live Surgery

Session 7

17h30-18h30

Mini battle

Osteoarthritis in patients younger than 50 years of age

_ Moderators: A. Castagna (Italy), J. Kany (France)

- > I prefer viscosupplementation or PRP - P. Randelli (Italy)
- > I prefer arthroscopic release and debridement - B. Ockert (Germany)
- > I look for posterior instability and treat the underlying cause - Ph. Moroder (Switzerland)
- > Discussion
- > I prefer Metal HA - J. Barthes (France)
- > I prefer pyrocarbone HA - A. Godenèche (France)
- > I prefer ATSA - O. Verborgt (Belgium)
- > I prefer ATSA with a convertible MB - D. Dines (USA)
- > I prefer a RTSA - Ph. Valenti (France)
- > Discussion



UPDATE AND CONTROVERSIES IN REVERSE TOTAL SHOULDER ARTHROPLASTY (RTSA)

Session 1
08h00-09h00

Presentations

Update on preoperative planning for RTSA

_ Moderators: J. Iannotti (USA), O. Verborgt (Belgium)

- > X-ray, CT or 3D-planning: what do we really need – K. Wieser (Switzerland)
- > 3D planning with PSI or reusable guide versus standard instrumentation – JD. Werthel (France)
- > Accuracy of intra-operative 3D navigation with mix reality in RTSA – Ph. Collin (France)
- > Robotic shoulder surgery: is it the future to accurate glenoid implantation – J. Sanchez-Sotelo (USA)
- > 3D Planning and reusable guide in glenoid C – Ph Valenti (France)
- > Pre operative planning and revision: state of art – G. Athwal (Canada)
- > Discussion

Session 2
09h00-09h30

Mini battle

How do you manage glenoid B2, B3 or C?

_ Moderators: D. Dines (USA), P. Boileau (France)

- > Which lateralization to rebalance the muscles? – M. Zumstein (Switzerland)
- > Augmented metallic baseplate – Ph. Flurin (France)
- > Reconstruction using a bone graft – J. Agneskirchner (Germany)
- > Alternate centerline – M. Frankle (USA)
- > Discussion

Session 3
09h30-10h00

Interactive cases discussion (3 cases)

How do you manage a glenoid E3 or E4?

_ Moderators: B. Elhassan (USA), L. Favard (France)

- > Cases presentation: B. Elhassan (USA)
- > Faculty: G. Athwal (Canada), A. Castagna (Italy), J. Iannotti (USA)
- > Summary and conclusion: L. Favard (France)

10h00-10h30

Coffee break and visit of the exhibition

Session 4
10h30-11h00

Invited special guest lecture

_ Moderator: Ph. Valenti (France)

- > RSA Design : at the beginning , trials, now and the futur – M. Frankle (USA)

11h00-11h15

Relive Surgery

11h15-11h30

Relive Surgery



Session 5
11h30-12h30

Mini battle

How to lateralize and distalize in RTSA?

_ Moderators: **Ph. Collin (France), R. Tashjian (USA)**

- > Lateralization with different implants – J.D. Werthel (France)
- > Arguments for metallic augmentation – M. Scheibel (Switzerland/Germany)
- > Arguments for BIO-RSA – A. Godeneche (France)
- > Arguments for 2/3 glenosphere – M. Frankle (USA)
- > Discussion
- > Arguments for onlay versus islay versus inlay system – L. Neyton (France)
- > Arguments for inclination 135° versus 145° versus 155° angle – P. Randelli (Italy)
- > Arguments for curved versus straight stem – P. Raiss (Germany)
- > Discussion
- > Soft tissue and distalization and lateralization – Ph. Valenti (France)
- > What is the best combination? – J. Barth (France)

12h30-14h00

Lunch & Industry Workshops

Session 6
14h00-14h45

Presentations

How do you manage difficult situations in RTSA?

_ Moderators: **J. Barth (France), M. Scheibel (Germany/Switzerland)**

- > Malunion of the great tuberosity – P. Raiss (Germany)
- > Managing The Bad Glenoid: Missing bone & loose implants – G. Athwal (Canada)
- > RTSA and deltoid palsy – B. Elhassan (USA)
- > Discussion
- > Chronic anterior dislocation with no anterior wall – M. Frankle (USA)
- > Humeral loosening: how do you manage it? – R. Tashjian (USA)
- > How to manage instability in RTSA? – Ph. Valenti (France)
- > Discussion

Session 7
14h45-15h15

Interactive cases discussion (3 cases)

How to manage Humeral loosening and RSA

_ Moderators: **J. Sanchez Sotelo (USA), B Elhassan (USA)**

- > Cases presentation: J. Sanchez Sotelo (USA)
- > Faculty: P. Boileau (France), C. Gerber (Switzerland), M. Frankle (USA)
- > Summary and conclusion: J. Sanchez Sotelo (USA)

15h15-15h45

Coffee break and visit of the exhibition

Session 8
15h45-16h15

Mini battle

RSA and tendon transfer in lack of active forward elevation and external rotation

_ Moderators: **G. Athwal (Canada), P. Raiss (Germany)**

- > Episcopo versus LD isolated with RSA – P. Valenti (France), E. Kazum (Israel)
- > I prefer lower trapezius transfer – B. Elhassan (USA)
- > I prefer a lateralized RTSA – R. Tashjian (USA)
- > RTSA Tendon transfer in tumor reconstruction – J. Sanchez-Sotelo (USA)
- > RTSA Tendon transfer and bony lesions – Ph. Valenti (France), G. Caruso (France)
- > Discussion

16h15

End of meeting

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

GENERAL INFORMATION

JULY 7-9, 2022

Venue:

Méridien Etoile

81 bd Gouvion Saint Cyr
75017 Paris, France

Located close to Porte Maillot,
the Arc de Triomphe,
the Champs-Élysées and is also
near La Défense business district.

METRO

Charles de Gaulle-Étoile
Métro station

AIRPORTS

Paris/Charles De Gaulle - CDG

Hotel distance: 27 km
Direct access with
'Le Bus Direct'
shuttle just across the
hotel every 30 minutes.

Paris/Orly - ORLY

Hotel distance: 25 km

LANGUAGE

The official language
of the course is English.
No simultaneous
translation will be
provided.

CATERING

Coffee-breaks will be
served every morning
and every afternoon
in the exhibition area.
Cocktail lunch will also
be organised and
served in the exhibition
area (standing cocktail).

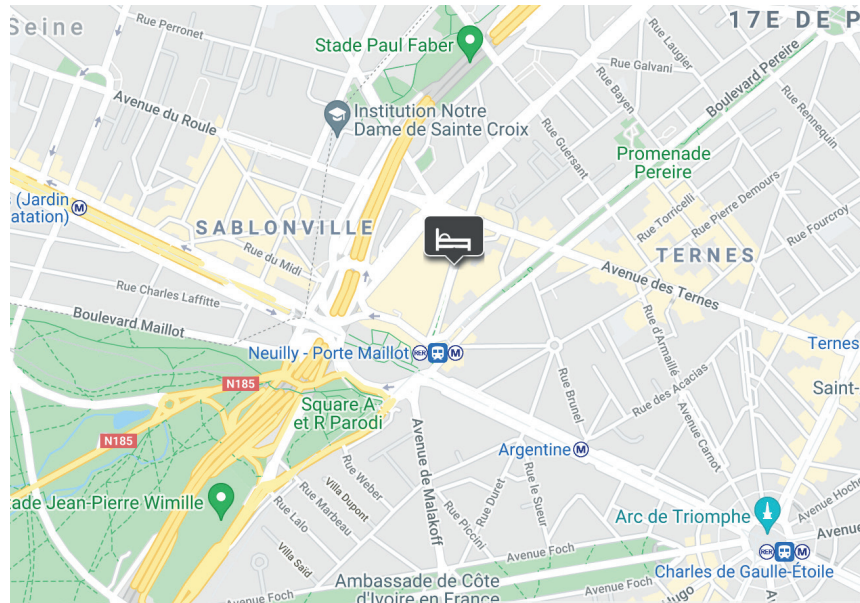
TRAIN STATION

Gare Montparnasse

6.2 km NW

Gare du Nord

(Eurostar connection)
6.1 km



CONTACTS

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