



BERLIN

International Shoulder Course

2018 | **APRIL 5–7**
BERLIN, GERMANY



State of the Art and Innovations
in Shoulder Surgery

**PRELIMINARY
PROGRAM**

INVITATION

Dear colleagues and friends,

On behalf of the scientific committee it will be a great pleasure and honor to welcome you to the Berlin International Shoulder Course 2018.

This year the course will focus mainly on the state of the art and the latest innovations in arthroscopic and open shoulder surgery and will combine theoretical and practical elements providing plenty of space for fruitful discussions.

One-hundred years ago, Rudolf Theis Eden, a German surgeon, described an open shoulder stabilization using a free bone block procedure which since then has been named after Eden and his colleague Hybinette from Sweden as the Eden/Hybinette procedure. In honor of its 100th anniversary, the first day of the meeting will be dedicated to shoulder instability including various bony reconstruction techniques. Since the Latarjet procedure represents the French philosophy for the treatment of shoulder instability, France will be our guest nation this year. We are looking forward to exciting dialogues and debates.

Further hot topics like arthroscopic cuff repairs including SCR and tendon transfer as well as salvage and revision procedures will be discussed in detail. In addition, we will debate arthroscopic fracture treatment and ac-joint instabilities and miscellaneous shoulder pathologies during the second and the third day of 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.

The course will again take place in one of the most attractive locations in the heart of Berlin, between Kurfuerstendamm and Potsdamer Platz. The InterContinental reflects the dynamics of the German capital and unites tradition and modernity. Its outstanding meeting facilities guarantee professionalism in a familial atmosphere.

We are looking forward to welcome you to the Berlin International Shoulder Course from April 5 – 7 2018!


Prof. Markus Scheibel



INFORMATION

Scientific Committee

Emilio Calvo, Spain
Alessandro Castagna, Italy
Philippe Hardy, France
Bernhard Jost, Switzerland
Anthony A. Romeo, USA
Markus Scheibel, Germany
Hiroyuki Sugaya, Japan
John Tokisch, USA
Philippe Valenti, France

Local Scientific Committee

Marvin Minkus, Germany
Philipp Moroder, Germany
Stephan Pauly, Germany
Fabian Plachel, Germany
Kathi Thiele, Germany

Patronage



FACULTY



Invited Special Guest Speakers

Pascal Boileau, France
Laurent Lafosse, France
Gilles Walch, France

Guest Speakers

Jeffrey Abrams, USA
Jens Agneskirchner, Germany
Werner Anderl, Austria
Samuel Antuña, Spain
George S. Athwal, Canada
Pascal Boileau, France
Sepp Braun, Germany
Juan Bruguera, Spain
Ulrich Brunner, Germany
Roman Brzoska, Poland
Emilio Calvo, Spain
Alessandro Castagna, Italy
Philippe Collin, France
Cory Edgar, USA
Pierre-Henri Flurin, France
Lennard Funk, UK
Christian Gerber, Switzerland
Christian Gerhardt, Germany
Frank Gohlke, Germany
Philippe Hardy, France
Ralph Hertel, Switzerland

Viktoras Jermolajevs, Lithuania
Bernhard Jost, Switzerland
Michael Krifter, Austria
Alexandre Laedermann, Switzerland
Laurent Lafosse, France
Ofer Levy, UK
Dennis Liem, Germany
Helmut Lill, Germany
Przemysław Lubiowski, Poland
Marvin Minkus, Germany
Philipp Moroder, Germany
Lionel Neyton, France
Ben Ockert, Germany
Stephan Pauly, Germany
Fabian Plachel, Germany
Falk Reuther, Germany
Anthony A. Romeo, USA
Markus Scheibel, Germany
Hans-Kaspar Schwyzer, Switzerland
Hiroyuki Sugaya, Japan
Mark Tauber, Germany
Kathi Thiele, Germany
John Tokish, USA
Philippe Valenti, France
Olivier Verborgt, Belgium
Gilles Walch, France
Jaap Willems, Netherlands
Matthias A. Zumstein, Switzerland

PROGRAM – THURSDAY | APRIL 5, 2018

Welcome

Hot And Controversial Topics – Anterior Shoulder Instability

Invited Special Guest Lecture

07:00 Registration

07:45-08:00

Welcome



Scheibel 

ROOM PAVILLON

Session 1
08:00-09:00

**Hot And Controversial Topics –
Anterior Shoulder Instability**



Tokish  | **Valenti** 

ROOM PAVILLON

08:00 The natural course of first time shoulder dislocation –
What do we know?

Calvo 

08:10 What is recurrent shoulder instability and what
happens in my brain?

Laedermann 

08:20 Immobilization vs surgical stabilization for first time
shoulder dislocation

Minkus 

08:30 My arthroscopic repairs didn't work in the long-term!

Willems 

08:40 Modern arthroscopic Bankart repairs –
Do they improve our results?

Romeo 

08:50 Is an open Bankart repair still an option in 2018?

Schwyzler 

Session 2
09:00-09:30

Invited Special Guest Lecture



Scheibel 

ROOM PAVILLON

Anterior shoulder instability – What have I learned
over the last 30 years?

Walch 

Round Table Case Discussion: Anterior Shoulder Instability – What Would You Do?
Bony Reconstruction Of The Glenoid – Indications, Biomechanics And Remodelling
Arthroscopic Capsulolabral Repair And Hill-Sachs Remplissage

Session 3
09:30-10:00

Round Table Case Discussion
Anterior Shoulder Instability – What Would You Do?



Brunner

ROOM PAVILLON



Calvo | **Schwyzler** | **Valenti** | **Willems**

10:00-10:30

Coffee Break And Exhibition

Session 4
10:30-11:30

Bony Reconstruction Of The Glenoid –
Indications, Biomechanics And Remodelling



Hardy | **Laedermann**

ROOM PAVILLON

- | | | |
|-------|---|-----------------|
| 10:30 | Bony bipolar deficiency –
New guidelines for bony reconstruction | <i>Tokish</i> |
| 10:40 | How to restore glenoid concavity best?
A biomechanical perspective | <i>Verborgt</i> |
| 10:50 | 100 years of Eden/Hybinette procedures | <i>Scheibel</i> |
| 11:00 | Influence of screw type and length on fixation of
anterior bone grafts | <i>Castagna</i> |
| 11:10 | Why bone-grafting? An arthroscopic bony Bankart
repair is enough | <i>Sugaya</i> |

Live Surgery
11:30-12:30

Arthroscopic Capsulolabral Repair And
Hill-Sachs Remplissage



Castagna



Abrams

ROOM PAVILLON

Interactive Mini Battle – Controversial Treatment Strategies For Anterior Instability

Session 5
14:00-15:00

Interactive Mini Battle – Controversial Treatment Strategies For Anterior Instability

ROOM PAVILLON



Romeo  | **Walch** 

14:00

Anterior glenoid rim fractures after shoulder dislocation

Non-operative treatment works best for me

Gerber 

I usually fix them

Gerhardt 



Discussion and vote

14:15

Greater tuberosity fractures after first time dislocation

I leave them alone

Abrams 

Arthroscopic reconstruction is the way to go

Lill 



Discussion and vote

14:30

Hill-Sachs lesions

Neglect it and treat the glenoid side

Reuther 

Remplissage is the way to go

Boileau 



Discussion and vote

14:45

Shoulder instability in high contact athletes

A plea for a soft-tissue stabilization

Funk 

The only technique that works is a Latarjet procedure

Zumstein 



Discussion and vote

PROGRAM – THURSDAY | APRIL 5, 2018

Live-Surgery: Arthroscopic Anatomical Glenoid Reconstruction
Relive Surgical Technique Videos: New Technologies And Innovative Techniques
To Treat Glenoid Bone Deficiencies

Live-Surgery
15:00-16:00

Arthroscopic Anatomical Glenoid Reconstruction



Jost 



Scheibel 

ROOM PAVILLON

16:00-16:30

Coffee Break And Exhibition









Session 6
16:30-18:00

Relive Surgical Technique Videos New Technologies And Innovative Techniques To Treat Glenoid Bone Deficiencies



Abrams  | **Gerber** 

ROOM PAVILLON

16:30	Open anatomical iliac crest glenoid reconstruction	<i>Hertel</i> 
16:40	Distal tibial allograft – A true anatomical reconstruction?	<i>Romeo</i> 
16:50	Distal clavicle autograft works best for me	<i>Tokish</i> 
17:00	Arthroscopic implant free iliac crest glenoid reconstruction	<i>Anderl</i> 
17:10	The ReCenter – A novel implant for glenoid extention	<i>Hardy</i> 
17:20	Open Latarjet – How to make life easy!	<i>Neyton</i> 
17:30	Arthroscopic coracoid transfer using a button fixation	<i>Boileau</i> 
17:40	Dynamic anterior stabilization using the LHB for anterior instability	<i>Collin</i> 

PROGRAM – THURSDAY | APRIL 5, 2018

Treatment Strategies For Complex Shoulder Instability
And Failed Previous Surgery – Let's Talk About The Tough Stuff,
Problems And Complications







Session 7
18:00-19:00

Treatment Strategies For Complex Shoulder Instability And Failed Previous Surgery – Let's Talk About The Tough Stuff, Problems And Complications



Boileau  | **Scheibel** 

ROOM PAVILLON

- | | | |
|-------|---|--|
| 18:00 | Complications after Latarjet procedure – Is this the end? | <i>Athwal</i>  |
| 18:10 | Complications after free bone block procedures –
Are they any different? | <i>Hertel</i>  |
| 18:20 | Management of bony defects in posterior
shoulder instability | <i>Lafosse</i>  |
| 18:30 | Functional instability – Is the shoulder pacemaker
the solution? | <i>Moroder</i>  |
| 18:40 | Static posterior subluxation of the shoulder in
young adults | <i>Walch</i>  |
| 18:50 | My worst instability cases and how I did
manage them | <i>Gerber</i>  |

19:00

**End Of First Day And
Welcome Reception**

PROGRAM – FRIDAY | APRIL 6, 2018

Hot And Controversial Topics – Rotator Cuff Surgery Invited Special Guest Lecture

07:00 Registration







Session 1 08:00-09:00

Hot And Controversial Topics – Rotator Cuff Surgery

ROOM PAVILLON



Agneskirchner  | **Neyton** 

- | | | |
|-------|--|---|
| 08:00 | The rotator cable concept – Anatomy and clinical application | <i>Sugaya</i>  |
| 08:10 | How to predict success after arthroscopic rotator cuff repair? | <i>Jost</i>  |
| 08:20 | Long term results of arthroscopic rotator cuff repair | <i>Collin</i>  |
| 08:30 | Cuff repair – Have the perfect anchor and refixation technique been developed? | <i>Bruguera</i>  |
| 08:40 | What is the future of growth factors and stem cells in cuff repair? | <i>Antuña</i>  |
| 08:50 | Is mini-open or open cuff repair still an option in 2018? | <i>Gohlke</i>  |

Session 2 09:00-09:30

Invited Special Guest Lecture

ROOM PAVILLON



Scheibel 

Treatment of cuff tear arthropathy in 2018

Boileau 

Round Table Case Discussion: Rotator Cuff Tears - What Would You Do?
How To Treat Different Rotator Cuff Tear Configurations?
Live-Surgery: Arthroscopic-Assisted Latissimus Dorsi Transfer

Session 3
09:30-10:00

Round Table Case Discussion
Rotator Cuff Tears - What Would You Do?



Jost 

ROOM PAVILLON



Abrams  | **Funk**  | **Hardy**  | **Levy** 

10:00-10:30

Coffee Break And Exhibition






Session 4
10:30-11:30

How To Treat Different Rotator Cuff Tear Configurations?



Collin  | **Verborgt** 

ROOM PAVILLON

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|-------|---|---|
| 10:30 | Effects of platelet rich plasma on interstitial supraspinatus lesions | <i>Laedermann</i>  |
| 10:40 | Subscapularis tears – Identification and repair techniques | <i>Athwal</i>  |
| 10:50 | Superior capsular reconstruction – Success and failures | <i>Tokish</i>  |
| 11:00 | Musculotendinous rupture of the infraspinatus | <i>Walch</i>  |
| 11:10 | Cuff repair in patients over the age of 70 – What can we expect? | <i>Flurin</i>  |

Live Surgery
11:30-12:30

Arthroscopic-Assisted Latissimus Dorsi Transfer



Lafosse 



Gerber 

ROOM PAVILLON

PROGRAM – FRIDAY | APRIL 6, 2018

Interactive Mini Battle – Concomitant Pathologies And Treatment Strategies In Rotator Cuff Surgery

Session 5
14:00-15:00

Interactive Mini Battle – Concomitant Pathologies And Treatment Strategies In Rotator Cuff Surgery

ROOM PAVILLON



Funk  | **Schwyzzer** 

14:00

How to prevent and treat stiffness after cuff repair?

The Japanese approach

Sugaya 

The French approach

Valenti 



Discussion and vote

14:15

Biceps tendon pathology

I do a biceps tendon transfer

Verborgt 

The subpectoral fixation is the way to go

Braun 



Discussion and vote

14:30

Nerve exposure and subscapularis tears

Exposing the nerves is mandatory

Lafosse 

I don't care about the neural structures

Romeo 



Discussion and vote

14:45

Rotator interval area and associated lesions

I just treat the biceps

Agneskirchner 

I repair everything

Neyton 



Discussion and vote

Live-Surgery: Arthroscopic Superior Capsular Reconstruction
For Massive Rotator Cuff Tears
Relive Surgical Technique Videos: Latest Technologies In Arthroscopic Rotator Cuff Surgery

Live Surgery
15:00-16:00

**Live-Surgery: Arthroscopic Superior Capsular
Reconstruction For Massive Rotator Cuff Tears**



Sugaya 



Tokish 

ROOM PAVILLON

16:00-16:30

Coffee Break And Exhibition









Session 6
16:30-18:00

Relive Surgical Technique Videos
Latest Technologies In Arthroscopic Rotator Cuff Surgery



Flurin  **Gohlke** 

ROOM PAVILLON

16:30	Arthroscopic rotator cuff repair – A technical guide	<i>Calvo</i> 
16:40	Transosseus rotator cuff repair is the future	<i>Castagna</i> 
16:50	I use all-suture anchors and a single-row repair	<i>Liem</i> 
17:00	Arthroscopic cuff repair – How to optimize healing conditions?	<i>Lubiatowski</i> 
17:10	Biceps augmentation for cuff repair	<i>Brzoska</i> 
17:20	In SpaceBallon – Biomechanics and current application	<i>Athwal</i> 
17:30	Superior capsular reconstruction – What do we know about healing?	<i>Plachel</i> 
17:40	Arthroscopic latissimus dorsi and teres major transfer	<i>Jermolajevs</i> 

PROGRAM – FRIDAY | APRIL 6, 2018

Strategies For Irreparable Rotator Cuff Tears Or Failed Previous Surgery







Session 7
18:00-19:00

Strategies For Irreparable Rotator Cuff Tears Or Failed Previous Surgery



Calvo  | **Hertel** 

ROOM PAVILLON

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|-------|---|---|
| 18:00 | Irreparable tears or failed cuff surgery – What is important to know? | <i>Pauly</i>  |
| 18:10 | Arthroscopic revision for failed primary rotator cuff repair | <i>Edgar</i>  |
| 18:20 | Subscapularis deficiency – Pectoralis major or latissimus dorsi transfer? | <i>Gerber</i>  |
| 18:30 | Irreparable posterosuperior tears – The role of lower trapezius transfer | <i>Valenti</i>  |
| 18:40 | L'Episcopo procedure is the way to treat ILER patients | <i>Neyton</i>  |
| 18:50 | Reverse shoulder arthroplasty for failed cuff repairs | <i>Zumstein</i>  |

18:30

End Of Second Day

PROGRAM – SATURDAY | APRIL 7, 2018

Hot And Controversial Topics – AC-Joint Instability Relive Surgical Technique Videos: New Technologies For Arthroscopic AC-Joint Reconstruction







Session 1 08:00-9:00

Hot And Controversial Topics – AC-Joint Instability

ROOM PAVILLON



Athwal  | **Zumstein** 

08:00	What do our patient need to know before treatment?	<i>Calvo</i> 
08:10	I will tell you the truth about Rockwood type III injuries!	<i>Tauber</i> 
08:20	How do I template my AC-Joint reconstructions to avoid failures?	<i>Tokish</i> 
08:30	The evolution of arthroscopic AC-Joint reconstruction techniques	<i>Hardy</i> 
08:40	How do I manage my complications after failed AC-Joint repair?	<i>Levy</i> 
08:50	Primary vs revision AC-Joint reconstruction for chronic instability	<i>Scheibel</i> 




Session 2 09:00-09:30

Relive Surgical Technique Videos New Technologies For Arthroscopic AC-Joint Reconstruction

ROOM PAVILLON



Lubiatowski  | **Reuther** 

09:00	Arthroscopic low-profile AC-Joint reconstruction	<i>Thiele</i> 
09:10	Arthroscopic assisted Bipod reconstruction	<i>Zumstein</i> 
09:20	Arthroscopic Weaver-Dunn – When and how I do it?	<i>Agneskirchner</i> 

Invited Special Guest Lecture
Brunch Symposium
Ultrasound Workshops

Session 3
09:30-10:00

Invited Special Guest Lecture



Scheibel 

ROOM PAVILLON

Pushing the frontiers of arthroscopic shoulder surgery in the 21st century

Lafosse 

10:00-11:30

Coffee Break And Exhibition

10:15-11:15

Brunch Symposium

10:15-11:15

Ultrasound Workshop

PROGRAM – SATURDAY | APRIL 7, 2018

Shoulder Injuries, Surgical Techniques And Rehabilitation In Athletes Problems Around The Scapula




Session 4 11:30-12:30

Shoulder Injuries, Surgical Techniques And Rehabilitation In Athletes

ROOM PAVILLON



Anderl  | Tauber 

11:30	Shoulder injuries in rugby players	Funk 
11:40	Rotator cuff injuries in high level gymnasts	Scheibel 
11:50	Boxing and shoulder injuries	Krifter 
12:00	SLAP-Repair in 2018 - Any relevance in overhead athletes?	Romeo 
12:10	Goal keepers - Back to sports after shoulder surgery?	Castagna 
12:20	Functional recovery and return to play after stabilization procedures	Lubiatowski 




Session 5 12:30-13:00

Problems Around The Scapula

ROOM PAVILLON



Antuña  | Jermolajevs 

12:30	Snapping scapula – My way to treat it	Funk 
12:40	Scapulothoracic fusion - Indication, technique and results	Athwal 
12:50	How I approach the most complex scapula fractures	Ockert 

Cadaver Workshop

14:00-17:00

Cadaver Workshop

CHARITÉ ANATOMY

17:00

End Of Meeting