

# Reconstructive Shoulder Surgery – Shaping the Future



**BERLIN**

**International Shoulder Course**

**2023**

APRIL 13–15  
BERLIN, GERMANY

**PROGRAM**

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Sports Medicine



**InSpace**  
Sports Medicine



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Sports Medicine



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Dear colleagues and friends,

Berlin International Shoulder Course (BISC) is back and it is a great pleasure welcoming you to this fascinating journey of shaping the future in reconstructive shoulder surgery.



This meeting will focus on modern arthroscopic and open reconstructive surgical techniques and will combine theoretical and practical elements providing plenty of space for exciting dialogues and discussions.

Leading experts from all over the globe will contribute with their expertise and illustrate how to achieve the best possible treatment outcome for our patients.

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

Another highlight will be a transatlantic hybrid session in collaboration with the Shoulder360 Course in Miami. Renowned shoulder surgeons will present their own shoulder pathology that they have suffered as patients and provide insight how it feels to be on "the other side of the curtain".

Our meeting 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.

Welcome again to BISC 2023!

*Markus Scheibel*  
Prof. Dr. med. Markus Scheibel

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DISCOVER  
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Markus Scheibel, Switzerland/Germany

## International Scientific Committee

Doruk Akgün, Germany  
 George S. Athwal, Canada  
 Emilio Calvo, Spain  
 Alessandro Castagna, Italy  
 Patrick Denard, USA  
 Bernhard Jost, Switzerland  
 Philipp Moroder, Switzerland  
 Hiroyuki Sugaya, Japan  
 Philippe Valenti, France

## Local Organizing Committee

Rony-Orijit Dey Hazra, Germany  
 Jan-Philipp Imiolczyk, Germany  
 Alp Paksoy, Germany  
 Katja Rüttershoff, Germany  
 Kathi Thiele, Germany  
 Mara Warnhoff, Switzerland  
 Isabella Weiß, Germany

## Patronage



## Speaker



Joseph A. Abboud



Jens Agneskirchner



Doruk Akgün



Yacine Ameziane



Claudio Ascani



George S. Athwal



Raul Barco



Johannes Barth



Knut Beitzel



Dirk Böhm



Dorota Böhm



Elisabeth Böhm



Pascal Boileau



Ulrich Brunner



Emilio Calvo



Vincenzo Campagna



Alessandro Castagna



Philippe Collin



Ruth Delaney



Mehmet Demirhan



Patrick Denard



Rony-Orijit Dey Hazra



Peter Domos



Florian Drumm



Bradley Edwards



Bassem Elhassan



David Endell



# FACULTY

- |   |   |   |
|---|---|---|
|  Christian Fialka<br>           |  Mark Frankle<br>           |  Florian Freisleder<br>         |
|  Raffaele Garofalo<br>          |  Grant Garrigues<br>        |  Christian Gerber<br>           |
|  Thomas Gregory<br>             |  Alex Greene<br>            |  Thorsten Gühring<br>           |
|  Stefano Gumina<br>             |  Abdul Ilah Hachem<br>      |  Pol Huysmans<br>               |
|  Miguel Ruiz Ibañ<br>           |  Jan-Philipp Imiolczyk<br>  |  Steffen Jehmlich<br>           |
|  Kristofer J. Jones<br>         |  Bernhard Jost<br>          |  Matthew Kent<br>               |
|  Jörn Kircher<br>            |  Alexandre Lädermann<br> |  Laurent Lafosse<br>         |
|  Thibault Lafosse<br>       |  Philippe Landreau<br>  |  Osvandre Lech<br>          |
|  Sven Lichtenberg<br>       |  Olaf Lorbach<br>       |  Bartłomiej Lubiatowski<br> |
|  Przemysław Lubiatowski<br> |  Raffy Mirzayan<br>     |  Fabrizio Moro<br>          |

# FACULTY

- |  |   |   |
|--|---|---|
|  Philipp Moroder<br>       |  Lars-Peter Müller<br>        |  Lionel Neyton<br>          |
|  Alp Paksoy<br>            |  Paolo Paladini<br>           |  Thilo Patzer<br>           |
|  Falk Reuther<br>          |  Anthony R. Romeo<br>         |  Claudio Rosso<br>          |
|  Katja Rüttershoff<br>     |  Joaquin Sanchez-Sotelo<br>   |  Alex Schallberger<br>      |
|  Markus Scheibel<br>       |  Paul Sethi<br>               |  Hiroyuki Sugaya<br>        |
|  Mark Tauber<br>           |  Kathi Thiele<br>             |  Thomas Throckmorton<br>    |
|  Scott W. Trenhaile<br> |  Philippe Valenti<br>      |  Olivier Verborgt<br>    |
|  Wolfgang Vogt<br>     |  Arasch Wafaisade<br>     |  Mara Warnhoff<br>      |
|  Kilian Wegmann<br>    |  Isabella Weiß<br>        |  Jean-David Werthel<br> |
|  Karl Wieser<br>       |  Matthias A. Zumstein<br> |   |

- 07:00 - 07:45
- 07:45 - 08:00
- 08:00 - 09:00
- 09:00 - 09:20
- 09:20 - 10:20
- 10:20 - 10:40
- 10:40 - 11:20
- 11:20 - 12:00
- 12:00 - 13:30
- 13:30 - 14:30
- 14:30 - 15:00
- 15:00 - 16:00
- 16:00 - 16:30
- 16:30 - 16:45
- 16:45 - 17:10
- 17:10 - 17:30
- 17:30 - 18:30
- 19:30 - 20:30

<b>Registration</b>
Welcome
<b>Key Note Presentations</b> <span style="float: right;">Page 12</span> Anterior Shoulder Instability – Where are we in 2023?
<b>Invited Special Guest Lecture</b>
<b>Live Surgery</b> Superior Capsular Reconstruction using Long Head of Biceps Tendon
Coffee Break and Exhibition
<b>Relive Surgical Technique Videos</b> Innovative Techniques for the Treatment of Anterior Shoulder Instability
<b>Statements and Round Table Discussion</b> Static Posterior Shoulder Instability – Where does it come from and how can we treat it?
Lunch Break, Exhibition and Lunch Symposia
<b>Interactive Mini Battles</b> Controversial Topics – Audience please vote!
<b>Relive Surgical Technique Videos</b> Innovative Techniques for the Treatment of Shoulder Instability
<b>Live-Surgery</b> Management of Acromioclavicular Joint Instability using Knotless AC TightRope
Coffee Break and Exhibition
<b>Host Lecture</b>
<b>Relive Surgical Technique Videos</b> Innovative Techniques for the Treatment of AC Instability
<b>History of BISC and Invited Special Guest Lecture</b>
<b>Key Note Presentation</b> <span style="float: right;">Page 20</span> Let's talk about Complications!
End of the First Day and Welcome Reception
Meet the Experts <span style="float: right;"><b>stryker</b></span> Overcoming Disasters – Case Discussions

**Pre-Registration available**  
Please use our Pre-Registration on Wednesday April 12, 2023 from 5 to 10 pm

<b>LUNCH SYMPOSIA 12:15-13:15</b>	
<b>Lunch Symposium 1</b> Innovative Surgical Strategies for Rotator Cuff Surgery in 2023	<b>ROOM TEGEL</b> <b>stryker</b>
<b>Lunch Symposium 2</b> OSTEOCONNECT Techniques for Shoulder Instability	<b>ROOM TIERGARTEN</b> <b>SmithNephew</b>
<b>Lunch Symposium 3</b> Cutting Edge of Suture Technology	<b>ROOM BELLEVUE</b> <b>Arthrex</b>
<b>Lunch Symposium 4</b> The Future of Shoulder Arthroscopy	<b>ROOM KAMINZIMMER</b> <b>ZIMMER BIOMET</b> Moving You Forward
<b>Lunch Symposium 5</b> Strategies and Challenges in the Treatment of Complex Shoulder Pathologies	<b>ROOM CHARLOTTENBURG I</b> <b>STORZ</b> KARL STORZ – ENDOSCOPE
<b>Lunch Symposium 6</b> How to reproduce an e-ORTHO Digital Template in the OR in Every Situation?	<b>ROOM CHARLOTTENBURG II</b> <b>FH ORTHO</b>

<b>LUNCH SYMPOSIA 12:15-13:15</b>	
<b>Lunch Symposium 7</b> Reversed Glenoid: BIO-RSA vs Metal Augmentation Using Blueprint 3D Planning	<b>ROOM BELLEVUE</b> <b>stryker</b>
<b>Lunch Symposium 8</b> The Power of Biological Healing in Rotator Cuff	<b>ROOM TEGEL</b> <b>SmithNephew</b>
<b>Lunch Symposium 9</b> Cutting Edge of Shoulder Arthroplasty	<b>ROOM TIERGARTEN</b> <b>Arthrex</b>
<b>Lunch Symposium 10</b> Evolution to rTSA Success	<b>ROOM KAMINZIMMER</b> <b>MATHYS</b> a company of enovis
<b>Lunch Symposium 11</b> Transforming Shoulder Surgery with HOLO: Build your augmented OR	<b>ROOM CHARLOTTENBURG II</b> <b>RSQ</b>
<b>Lunch Symposium 12</b> Different Solutions for Massive Cuff Tears	<b>ROOM CHARLOTTENBURG I</b> <b>CONMED</b>

<b>Registration</b>
<b>Key Note Presentations</b> <span style="float: right;">Page 22</span> State of the Art in Rotator Cuff Reconstruction
<b>Invited Special Guest Lecture</b>
<b>Live-Surgery</b> Arthroscopic Rotator Cuff Repair biologically augmented
Coffee Break and Exhibition
<b>Relive Surgical Technique Videos</b> Innovative Techniques for the Treatment of Rotator Cuff Pathology
<b>Statements and Round Table Discussion</b> Rotator Cuff Augmentation in 2023 – What is the out there and what can we expect?
Lunch Break, Exhibition and Lunch Symposia
<b>Interactive Mini Battles</b> Controversial topics – Audience please vote!
<b>Live-Surgery</b> Reverse Shoulder Arthroplasty (Perform Humeral & Perform Reverse) for Massive Rotator Cuff Tears
Coffee Break and Exhibition
<b>Relive Surgical Technique Videos</b> Latest Technologies in Shoulder Surgery
<b>Invited Special Guest Lecture and Live Demonstration</b>
<b>Transatlantic Hybrid Session - BISC meets Shoulder360</b>
End of the Second Day

- 08:00 - 09:00
- 09:00 - 09:20
- 09:20-10:20
- 10:20-10:40
- 10:40-11:20
- 11:20-12:00
- 12:00 - 13:30
- 13:30 - 14:30
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- 08:00 - 09:00
- 09:00 - 10:00
- 10:00 - 10:10
- 10:10 - 11:30
- 11:30 - 12:45
- 12:45 - 14:00
- 14:00 - 14:15
- 14:15 - 15:00
- 15:00 - 18:00

<b>Registration</b>	
<b>Key Note Presentations</b>	Page 30
Shaping the Future in Treatment of Complex Proximal Humeral Fractures	
reonskills meets BISC – Live-Surgeries on Pre-fractured Specimen <small>reonskills</small>	
Announcement of the Social Media Winner	
Coffee Break, Exhibition, Brunch Symposia Ultrasound-Workshop	
<b>Key Note Presentations</b>	Page 31
Shaping the Future in Anatomical Shoulder Arthroplasty	
<b>Key Note Presentations</b>	Page 32
Shaping the Future in Reverse Shoulder Arthroplasty	
Closing lecture	
Coffee Break and Shuttle to the Cadaver-Workshop	
Cadaver Workshop	
End of the Meeting	

<b>BRUNCH SYMPOSIA 10:15-11:15</b>	
<b>Brunch Symposium 1</b>	ROOM TIERGARTEN
Blueprint Planning Workshop – Primary and Revision Shoulder Arthroplasty	
<b>stryker</b>	
<b>Brunch Symposium 2</b>	ROOM KAMINZIMMER
Advanced Solutions in Shoulder Arthroplasty	
<b>Medacta International</b>	
<b>Brunch Symposium 3</b>	ROOM TEGEL
Smarter Decision Making for Better Outcomes	
<b>ZIMMER BIOMET</b> <small>Moving You Forward™</small>	
<b>Brunch Symposium 4</b>	ROOM CHARLOTTENBURG I
The Future Meets the Present: How Smart Solutions Can Improve Shoulder Surgery	
<b>exactech</b>	
<b>Brunch Symposium 5</b>	ROOM CHARLOTTENBURG II
Implantation of Acumed Anatomical Radial Head System in a Pre-Fractured Cadaveric Specimen	
<b>+ acumed</b>	
<b>ULTRASOUND WORKSHOP</b>	
<b>Ultrasound Workshop</b>	ROOM BELLEVUE
<b>FUJIFILM</b> <small>SonoSite</small>	



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07:45-08:00

## Welcome



Scheibel

Session 1  
08:00-09:00

## Key Note Presentations

Anterior Shoulder Instability – Where are we in 2023?

ROOM PAVILLON



Athwal | Castagna

- 08:00 Management of the first-time anterior shoulder dislocation in 2023
- 08:10 How I improve my results of Bankart repairs in recurrent instability
- 08:20 Bristow-Latarjet – Why I moved away from screws!
- 08:30 Arthroscopic bone block procedure 3.0 – Mission accomplished?
- 08:40 Managing instability in collision athletes – A different game
- 08:50 Does the brain heal after shoulder stabilization?

Lech

Denard

Boileau

Scheibel

Delaney

Lädemann

Session 2  
09:00-09:20

## Invited Special Guest Lecture



Scheibel

- 09:00 Management of anterior shoulder instability and rotator cuff tears

ROOM PAVILLON

Calvo

Live-Surgery  
09:20-10:20

## Live-Surgery

Superior Capsular Reconstruction using Long Head of Biceps Tendon

ROOM PAVILLON



Collin | Domos



Barth

Case presentation

Weiß

10:20-10:40

## Coffee Break and Exhibition

Session 3  
10:40-11:20

## Relive Surgical Technique Videos

Innovative Techniques for the Treatment of Anterior Shoulder Instability

ROOM PAVILLON



Calvo | Lafosse

- 10:40 Tensionable knotless Bankart repair and Remplissage using soft-anchors Denard
- 10:45 Instability repair with double-loaded all-suture anchors Castagna
- 10:50 Independent double-row reconstruction in glenoid fractures Akgün
- 10:55 Arthroscopic reconstruction of multifragmented glenoid rim fractures Scheibel
- 11:00 Arthroscopic bone block using button fixation Lorbach
- 11:05 All-anterior approach for glenoid reconstruction using a free bone graft Ameziane
- 11:10 Discussion



Session 4  
11:20-12:00







## Statements and Round Table Discussion

ROOM PAVILLON

Static Posterior Shoulder Instability –  
Where does it come from and how can we treat it?



Lubiatowski  | Moroder 

- |       |  |   |
|-------|--|---|
| 11:20 | The glenoid is too far anterior! Let's augment it                    | Akgün     |
| 11:25 | The humerus has too much antetorsion – Can we do something about it? | Athwal    |
| 11:30 | The muscles are unbalanced – We should correct that                  | Domos     |
| 11:35 | The problem is created during birth! Should we screen our patients?  | Lädemann  |
| 11:40 | It's the acromion's fault – My solution                              | Gerber    |
| 11:45 | It's multifactorial and so needs to be the treatment                 | Moroder   |
| 11:50 | Round Table Discussion   |   |

12:00-13:30


## Lunch Break and Exhibition

SOCIAL MEDIA AWARD

# COMPETITION TIME!

Post a picture of #BISC2023 and have the chance to win a free registration to the next Berlin International Shoulder Course.

Rules:

1. Post a picture during the congress on the following networks     
2. Use the hashtag #BISC2023
3. Collect as much likes and shares as possible!

The winner with the most likes under #BISC2023 will be awarded Saturday at 10:00 a.m.

12:15-13:15

## Lunch Symposia

Lunch  
Symposium 1

Innovative Surgical Strategies for Rotator Cuff Surgery in 2023



Lunch  
Symposium 2

OSTEOCONNECT techniques for shoulder instability



Lunch  
Symposium 3

Cutting Edge of Suture Technology



Lunch  
Symposium 4

The Future of Shoulder Arthroscopy



Lunch  
Symposium 5

Strategies and Challenges in the Treatment of Complex Shoulder Pathologies



Lunch  
Symposium 6

How to reproduce an e-ORTHO digital template in the OR in every situation?



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Session 5  
13:30-14:30

## Interactive Mini-Battles

ROOM PAVILLON

Controversial Topics – Audience please vote!



Lädemann  | Lech 

### 13:30-13:50 On-track/off-track concept for the decision-making process in anterior instability

13:30 I use it regularly and it improves my results

Calvo 

13:35 I measure it, but only treat the glenoid side

Verborgt 

13:40 I have heard about it, but I don't care

Jost 



Discussion and now please vote!

### 13:50-14:10 Minimal glenoid bone loss with or without hyperlaxity – What's the best approach?

13:50 Bankart-Plus works best for me

Moroder 

13:55 DAS is between Bankart repair and bony reconstruction

Collin 

14:00 Inferior ligament reconstruction using autograft

Zumstein 



Discussion and now please vote!

### 14:10-14:30 Allograft or autograft for anterior glenoid reconstruction with bone deficiency

14:10 Only autografts do work. Allografts vanish...

E. Böhm 

14:15 Distal tibial allograft is the way to go

Garrigues 

14:20 The literature is controversial

Werthel 



Discussion and now please vote!

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Session 6  
14:30-15:00





## Relive Surgical Technique Videos

ROOM PAVILLON

### Innovative Techniques for the Treatment of Shoulder Instability



Delaney  | Paladini 

- 14:30 Latarjet/Walch technique – Open and successful Neyton 
- 14:35 Open Latarjet using Buttons Landreau 
- 14:40 Arthroscopic Latarjet with cerclage fixation Barco 
- 14:45 Arthroscopic posterior bone block using the bone cerclage technique Hachem 
- 14:50 Discussion

Live-Surgery  
15:00-16:00

## Live-Surgery

ROOM PAVILLON


### Management of Acromioclavicular Joint Instability using Knotless AC TightRope



Fialka  | Moroder 



Beitzel 

Case presentation Paksoy 

16:00-16:30 Coffee Break and Exhibition


Session 7  
16:30-16:45

## Host Lecture

ROOM PAVILLON



Hachem  | Zumstein 

- 16:30 AC-Joint Instability – Knowing what we know and what we don't! Scheibel 

Session 8  
16:45-17:10





## Relive Surgical Technique Videos

ROOM PAVILLON

### Innovative Techniques for the Treatment of AC Instability



Akgün  | Jost 

- 16:45 Mixed reality for AC dislocations and lateral clavicle fractures Lubiatowski 
- 16:50 The Kite technique for acute acromioclavicular joint dislocation Campagna 
- 16:55 Arthroscopic modified Weaver-Dunn procedure Boileau 
- 17:00 Arthroscopically-assisted hybrid reconstruction of AC instability Warnhoff 
- 17:05 Discussion

Session 9  
17:10-17:30

## History of BISC and Invited Special Guest Lecture



Scheibel

ROOM PAVILLON

- 17:10 Why are we here? *Scheibel*
- 17:20 What are the challenges in 2023 in patients with shoulder instability? *Valenti*

Session 10  
17:30-18:30

## Key Note Presentations



Let's talk about Complications!

ROOM PAVILLON

Boileau | Scheibel

- 17:30 Reasons for failed Bankart repairs – Only a problem of indications? *Athwal*
- 17:40 How I deal with large Hill-Sachs defects during revision surgery *Sugaya*
- 17:50 Revision after free bone block procedures – Does it exist? *Fialka*
- 18:00 Failed Latarjet – It is more common than you would think! *Paladini*
- 18:10 Nerve transfers around the shoulder after iatrogenic injury *Lafosse*
- 18:20 How I deal with my failures in AC reconstruction *Barth*

18:30 End of First Day and Welcome Reception

ROOM WINTERGARTEN

19:30 Meet the Experts

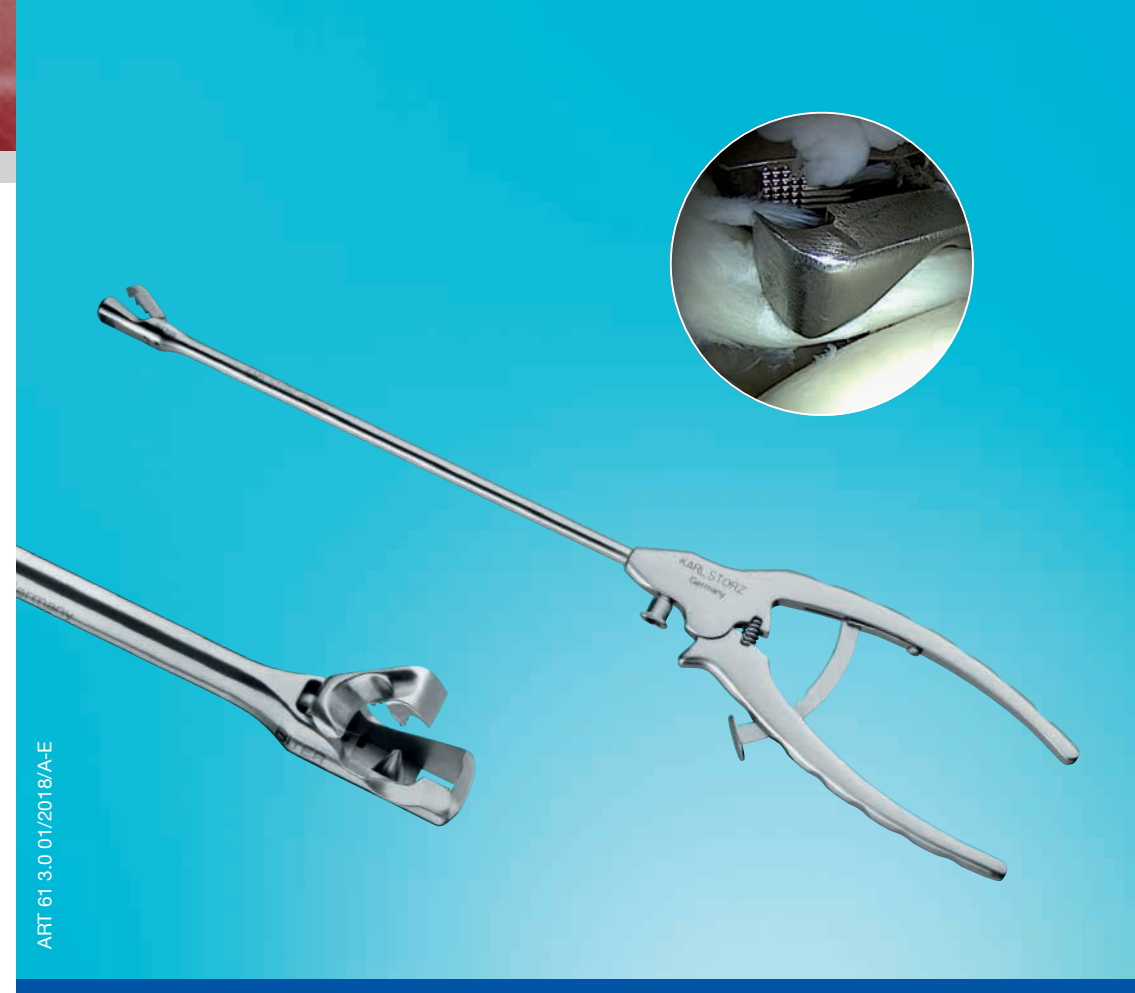
Overcoming Disasters – Case Discussions

ROOM KAMINZIMMER



Athwal | Boileau

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KARL STORZ – ENDOSKOPE  
THE DIAMOND STANDARD

Session 1  
08:00-09:00

## Key Note Presentations

ROOM PAVILLON

### State of the Art in Rotator Cuff Reconstruction



Barco | Denard

- 08:00 Natural history of rotator cuff tendon tears – What is proven? Wieser
- 08:10 Latest strategies on preoperative planning for rotator cuff repairs Werthel
- 08:20 Arthroscopic cuff repair – Patient reported outcome and quality of life Castagna
- 08:30 When and why my rotator cuff repairs fail? Gumina
- 08:40 Strategies to optimize cuff healing Scheibel
- 08:50 New aspects in rehabilitation of cuff repairs? Beitzel

Session 2  
09:00-09:20

## Invited Special Guest Lecture

ROOM PAVILLON



Scheibel

- 09:00 What is the future of rotator cuff surgery? Gerber
- 09:10 Cutibacterium acnes infection in shoulder surgery – Why do we need new guidelines? Castagna

Live-Surgery  
09:20-10:20

## Live-Surgery

### Arthroscopic Rotator Cuff Repair biologically augmented



Huysmans | Scheibel Lafosse

Case presentation Imiolczyk

10:20-10:40

## Coffee Break and Exhibition

Session 3  
10:40-11:20

## Relive Surgical Technique Videos

ROOM PAVILLON

### Innovative Techniques for the Treatment of Rotator Cuff Pathology



Elhassan | Wieser

- 10:40 Biceps tenotomy using the BITER (Biceps Tendon Releaser) Scheibel
- 10:45 Transosseous rotator cuff repair Huysmans
- 10:50 How to do a perfect realize and subscapularis repair Calvo
- 10:55 Arthroscopic rotator cuff repair – Current technique Kircher
- 11:00 Rotator cuff repair protected with subacromial Balloon Spacer Garofalo
- 11:05 In Space Balloon for irreparable massive rotator cuff tears Agneskirchner
- 11:10 Discussion

Session 4  
11:20-12:00

## Statements and Round Table Discussion

ROOM PAVILLON

Rotator Cuff Augmentation in 2023 –  
What is the out there and what can we expect?



Beitzel | Neyton

- |       |   |          |
|-------|---|----------|
| 11:20 | Regeneten is my favorite type of graft              | Calvo    |
| 11:25 | The biceps smash is the way to go                   | Endell   |
| 11:30 | I use a synthetic patch to improve my healing rates | Zumstein |
| 11:35 | Bursal augmentation has the greatest potential      | Thiele   |
| 11:40 | Next generation of patches                          | Wieser   |
| 11:45 | Round Table Discussion                              |          |

12:00-13:30

## Lunch Break and Exhibition

12:15-13:15

## Lunch Symposia

Lunch Symposium 7

Reversed Glenoid: BIO-RSA vs Metal Augmentation  
Using Blueprint 3D Planning



Lunch Symposium 8

The Power of Biological Healing in Rotator Cuff



Lunch Symposium 9

Cutting Edge of Shoulder Arthroplasty



Lunch Symposium 10

Evolution to rTSA Success



Lunch Symposium 11

Transforming shoulder surgery with HOLO:  
Build your augmented OR



Lunch Symposium 12

Different Solutions for Massive Cuff Tears



Session 5  
13:30-14:30

## Interactive Mini-Battles

ROOM PAVILLON

Controversial topics – Audience please vote!



Kircher | Werthel

13:30-13:50

Balloon vs Superior capsular reconstruction –  
What is the truth behind?

- |       |   |                |
|-------|---|----------------|
| 13:30 | Subacromial spacer – Quick, safe and efficient            | Sanchez-Sotelo |
| 13:35 | Superior capsular reconstruction has worked well in Japan | Sugaya         |
| 13:40 | My patients get an anterior cable reconstruction          | Denard         |
|       | Discussion and now please vote!                           |                |

13:50-14:10

Irreparable posterolateral cuff tears –  
The best procedure to improve active external rotation

- |       |   |         |
|-------|---|---------|
| 13:50 | Latissimus dorsi transfer has been proven to work       | Wieser  |
| 13:55 | Lower trapezius transfer works much better              | Valenti |
| 14:00 | Only a lateralized reverse arthroplasty will do the job | Brunner |
|       | Discussion and now please vote!                         |         |

14:10-14:30

Which tendon transfer should we use for irreparable  
anterosuperior cuff tears

- |       |  |          |
|-------|--|----------|
| 14:10 | Pectoralis major transfer stood the test of time | Jost     |
| 14:15 | Latissimus dorsi transfer is superior            | Elhassan |
| 14:20 | I still use the pectoralis minor                 | Paladini |
|       | Discussion and now please vote!                  |          |

Live-Surgery  
14:30-15:30

## Live-Surgery

Reverse Shoulder Arthroplasty (Perform Humeral & Perform Reverse) for Massive Rotator Cuff Tears

ROOM PAVILLON



Demirhan  | Sanchez-Sotelo 



Scheibel 

Case presentation

Rüttershoff 

15:30-16:00

## Coffee Break and Exhibition

Session 6  
16:00-16:30

## Relive Surgical Technique Videos

Latest Technologies in Shoulder Surgery

ROOM PAVILLON



Agneskirchner  | Sugaya 

16:00 Subscapularis repair during RSA – Tips and tricks

Lädemann 

16:05 3D planning of an augmented base plate

Verborgt 

16:10 Rediscovering shoulder arthroplasty – Exactech GPS navigation

Barco 

16:15 How to use mixed reality for shoulder arthroplasty

Collin 

16:20 Blueprint planning for complex humeral cement-in-cement revision

Athwal 

16:25 Discussion



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.....  
Friday, April 14 2023  
12:15 – 13:15

Evolution to rTSA  
success

## A TRANSATLANTIC CROSS OVER EVENT YOU DON'T WANT TO MISS

Friday sessions from the Shoulder360 Course (Miami) & International Shoulder Course (Berlin) will be broadcasted live for attendees at both courses and giving them the opportunity to learn from the best from around the world! Registration to one of the meetings is required.



**Prof. Markus Scheibel**  
Chairman  
Berlin International Shoulder Course



**Joseph Abboud, MD**  
Co -Chair  
Shoulder360 Course



**Raffy Mirzayan, MD**  
Co -Chair  
Shoulder360 Course



**Paul Sethi, MD**  
Co -Chair  
Shoulder360 Course

### SESSIONS THAT WILL BE LIVE STREAMED ON FRIDAY, APRIL 14, 2023

#### SESSION 1

*Shoulder Surgeons Who Have Had Shoulder Surgery*

#### SESSION 2 - DEBATE

*American versus European Perspectives on*

- Use of bone blocks for shoulder instability
- Evolving role of stemless reverse
- Outpatient shoulder surgery European and American Experience



April 13-15, 2023  
Miami, FL  
[www.shoulder360.org](http://www.shoulder360.org)



April 13-15, 2023  
Berlin, Germany  
[www.berlin-shoulder-course.com](http://www.berlin-shoulder-course.com)

Session 7  
16:30-17:00

### Invited Special Guest Lecture and Live Demonstration



Scheibel

ROOM PAVILLON

Scapulothoracic disorders – What is out there and what do you need to know?

Demirhan   
Elhassan

Hybrid Session  
17:00-18:30

### Transatlantic Hybrid Session BISC meets Shoulder360

17:00-17:45

#### Shoulder Surgeons who have had Shoulder Surgery

ROOM PAVILLON



Mirzayan | Scheibel

**BERLIN**  
International Shoulder Course



Agneskirchner | Boileau | Abboud | Frankle   
Castagna | Delaney | Jones | Lafosse   
Gerber | Zumstein | Romeo

17:45-18:30

#### Debates – American vs. European Perspectives



Scheibel | Sethi

17:45 Stemless Reverse – Pro

Rosso

17:50 Stemless Reverse – Con

Frankle

18:00 Outpatient Arthroplasty – It's a money maker!

Throckmorton

18:05 Inpatient Arthroplasty – It's a money maker!

Gühring

18:15 Anterior Instability with bone loss – Free bone block

Moroder

18:20 Anterior Instability with bone loss – Latarjet

Edwards

18:30

### End of the Second Day



Session 1  
08:00-09:00

## Key Note Presentations

Shaping the Future in Treatment of Complex Proximal Humeral Fractures

ROOM PAVILLON



Brunner | Valenti

- |       |   |             |
|-------|---|-------------|
| 08:00 | 3D guidance for complex proximal humeral fractures                                | Lubiatowski |
| 08:10 | Complex proximal humeral fractures – Why I nail it?                               | Boileau     |
| 08:20 | Why we prefer plating of complex fractures?                                       | Scheibel    |
| 08:30 | My algorithm tells me, when ORIF is not a good indication                         | Jost        |
| 08:40 | Reverse shoulder arthroplasty for fractures – What is the best inclination angle? | Damos       |
| 08:50 | How to manage complications after complex proximal humeral fracture treatment     | Moro        |

Session 2  
09:00-10:00

## reconskills meets BISC

reconskills

Live-Surgeries on Pre-Fractured Specimen

ROOM PAVILLON



Jost | Müller | Wegmann

- |       |  |                          |
|-------|--|--------------------------|
| 09:00 | Introduction   | Müller                   |
| 09:10 | ORIF of proximal humeral fracture – plate osteosynthesis | Schallberger<br>Zumstein |
| 09:30 | Reverse arthroplasty for proximal humeral fracture       | Gühring                  |

Award  
10:00-10:10

## Announcement of the Social Media Winner

ROOM PAVILLON

## Coffee Break and Exhibition

10:10-11:30

10:15-11:15

## Brunch Symposia

Brunch Symposium 1

Blueprint Planning Workshop – Primary and Revision Shoulder Arthroplasty

stryker

Brunch Symposium 2

Advanced Solutions in Shoulder Arthroplasty

Medacta International

Brunch Symposium 3

Smarter Decision Making for Better Outcomes

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Brunch Symposium 4

The Future Meets the Present: How Smart Solutions Can Improve Shoulder Surgery

exactech

Brunch Symposium 5

Implantation of Acumed Anatomical Radial Head System in a Pre-Fractured Cadaveric Specimen

acumed

10:15-11:15

## Ultrasound Workshop

FUJIFILM  
SonoSite

ROOM BELLEVUE

Session 3  
11:30-12:45

## Key Note Presentations

Shaping the Future in Anatomical Shoulder Arthroplasty

ROOM PAVILLON



Barth | Gumina

- |       |   |           |
|-------|---|-----------|
| 11:30 | What the surgeon needs to know from pre-op planning software              | Zumstein  |
| 11:40 | Influencing soft-tissue factors on outcome of total shoulder arthroplasty | Verborgt  |
| 11:50 | Subscapularis management in the context of stemless shoulder arthroplasty | Tauber    |
| 12:00 | Short-stem-implants – Challenges and opportunities                        | Neyton    |
| 12:10 | The best material for the humeral head and glenoid component              | Reuther   |
| 12:20 | Augmented glenoid components – Are we getting better?                     | Athwal    |
| 12:30 | Outpatient total shoulder arthroplasty                                    | Garrigues |

Session 4  
12:45-14:00

## Key Note Presentations

ROOM PAVILLON

### Shaping the Future in Reverse Shoulder Arthroplasty



Garrigues | Verborgt

- 12:45 Decision-making process – Which implant should we use in 2023? Lech
- 12:55 Pre-op planning, PSI guides and mixed reality Delaney
- 13:05 Reverse arthroplasty for primary osteoarthritis and cuff tear arthropathy – Which results can we expect? Freislederer
- 13:15 What is the best indication for reverse arthroplasty and tendon transfer Valenti
- 13:25 Fracture sequelea and reverse shoulder arthroplasty – Where are the challenges? Sanchez-Sotelo
- 13:35 Soft-tissue management following massive humeral bone loss Kent
- 13:45 Why it is important to think outside the box in reverse shoulder arthroplasty? Moroder

Session 5  
14:00-14:15

## Closing lecture

ROOM PAVILLON



Scheibel

- 14:00 Diagnosis and management of periprosthetic joint infection Garrigues

14:15-15:00

### Coffee Break and Shuttle to the Cadaver-Workshop

15:00-18:00

## Cadaver Workshop

18:00

## End of the Meeting

ANATOMIE

Live-Surgeries

## Thursday | April 13, 2023

ROOM PAVILLON

09:20-10:20 Superior Capsular Reconstruction using Long Head of Biceps Tendon



Collin | Domos



Barth

Case presentation

Weiß

15:00-16:00 Management of Aromioclavicular Joint Instability using Knotless AC TightRope



Fialka | Moroder



Beitzel

Case presentation

Paksoy

Live-Surgeries

## Friday | April 14, 2023

ROOM PAVILLON

09:20-10:20 Arthroscopic Rotator Cuff Repair biologically augmented



Huysmans | Scheibel



Lafosse

Case presentation

Imiolczyk

14:30-15:30 Reverse Shoulder Arthroplasty (Perform Humeral & Perform Reverse) for Massive Rotator Cuff Tears



Demirhan | Sanchez-Sotelo



Scheibel

Case presentation

Rüttershoff

## Lunch Symposia

### Thursday | April 13, 2023

#### Lunch Symposium 1



#### Innovative Surgical Strategies for Rotator Cuff Surgery in 2023

April 13, 2023, 12:15-13:15, Room Tegel

**Sanchez-Sotelo** | **Scheibel**

Modern suture anchor designs for rotator cuff repair  
How to optimize biological healing in rotator cuff surgery  
The value of tendon transfer and balloon in rotator cuff surgery

**stryker**

**Freislederer**

**Scheibel**

**Sanchez-Sotelo**

#### Lunch Symposium 2



#### OSTEOCONNECT Techniques for Shoulder Instability

April 13, 2023, 12:15-13:15, Room Tiergarten

**Boileau**

Open Latarjet with OSTEOCONNECT Technique  
Arthroscopic Bone Block with OSTEOCONNECT Technique  
Arthroscopic Latarjet with OSTEOCONNECT Technique

**SmithNephew**

**Landreau**

**Wafaisade**

**Lubiatowski**

#### Lunch Symposium 3



#### Cutting Edge of Suture Technology

April 13, 2023, 12:15-13:15, Room Bellevue

**Denard**

Benefits of Knotless Tensionable Repairs in Shoulder Instability  
Back on Track with Remplissage using Knotless FiberTak®  
How to Tailor My Cuff Repairs to My Patient's Need  
FiberTape® Cerclage Upper Extremity Applications

**Arthrex**

**Moroder**

**Denard**

**Beitzel**

**Hachem**

#### Lunch Symposium 4



#### The Future of Shoulder Arthroscopy

April 13, 2023, 12:15-13:15, Room Kaminzimmer

**Gühring** | **Zumstein**

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**Gühring**

**Zumstein**

#### Lunch Symposium 5



#### Strategies and Challenges in the Treatment of Complex Shoulder Pathologies

April 13, 2023, 12:15-13:15, Room Charlottenburg I

**Jehmlich** | **Wieser**

Joint preserving therapeutic options in irreparable RC tears  
Surgical Treatment of Anterior Instability - Indication, Options, Evidence

**STORZ**  
KARL STORZ—ENDOSKOPE

**Wieser**

**Jehmlich**

#### Lunch Symposium 6



#### How to reproduce an e-ORTHO Digital Template in the OR in Every Situation?

April 13, 2023, 12:15-13:15, Room Charlottenburg II

**Valenti**

Pre op Planification – Why and how to plan?  
RSA case

**GROUP FH ORTHO**

**Valenti**

**Valenti**

## Lunch Symposia

### Friday | April 14, 2023

#### Lunch Symposium 7

#### Reversed Glenoid: Bio-RSA vs Metal Augmentation using Blueprint 3D Planning

April 14, 2023, 12:15-13:15, Room Bellevue



**Boileau**  | **Scheibel** 

Why I plan and prefer BIO-RSA for most of my cases

**stryker**

*Boileau* 

Why I plan and prefer metal augmentation for most of my cases

*Scheibel* 

#### Lunch Symposium 8

#### The Power of Biological Healing in Rotator Cuff

April 14, 2023, 12:15-13:15, Room Tegel



**Calvo** 

Challenges in RC healing and what we can use to maximise healing

**Smith+Nephew**

*Calvo* 

Clinical case discussion and tips and tricks

*Lafosse* 

Clinical evidence & discussion

*Ibán* 

#### Lunch Symposium 9



#### Cutting Edge of Shoulder Arthroplasty

April 14, 2023, 12:15-13:15, Room Tiergarten

**Denard** 

Considering patient posture in planning humeral resection and component placement



*Moroder* 

Planning & augmenting the difficult glenoid using VIP in Reverse TSA

*Denard* 

Restoring the tuberosities anatomically with a stemmed based repair technique in 4-part PHF's

*Beitzel* 

Humeral considerations given in revision shoulder arthroplasty

*Lichtenberg* 

#### Lunch Symposium 10



#### Evolution to rTSA Success

April 14, 2023, 12:15-13:15, Room Kaminzimmer

**Collin** 



From Grammont design to Frankle design

*Collin* 

The most studied reverse design

*Garrigues* 

Inverted Bearing rTSA. Fewer complications and improved outcomes in long term?

*Reuther* 

What will be the future direction for rTSA?

*Lädemann* 

## Lunch Symposium 11

**Transforming Shoulder Surgery with HOLO: Build your augmented OR**  
 April 14, 2023, 12:15-13:15, Room Charlottenburg II



**Greene**

- "Medical Metaverse" and mixed reality
- Healthcare from the future: RSQHolo
- Mixed reality and navigation in shoulder arthroplasty
- So much support from RSQHolo: Clinical cases
- Live demonstration
- Try RSQHolo with us

*Gregory*

*B. Lubiowski*

*Trenhaile*

*P. Lubiowski*

*P. Lubiowski*

## Lunch Symposium 12

**Different Solutions for Massive Cuff Tears**  
 April 14, 2023, 12:15-13:15, Room Charlottenburg I



**Barco** | **Castagna** | **Verborgt**

- Massive RC tears: Definition and treatment options
- Arthroscopically-assisted lat dorsi transfer: Indications and technique
- Lower trap transfer, partial repair

*Castagna*

*Verborgt*

*Barco*

## Brunch Symposia

**Saturday | April 15, 2023**

### Brunch Symposium 1

**Blueprint Planning Workshop – Primary and Revision Shoulder Arthroplasty**  
 April 15, 2023, 10:15-11:15, Room Tiergarten



**Athwal** | **Delaney** | **Neyton** | **Sanchez-Sotelo** | **Werthel**

- Intro to 3D pre-operative planning
- LIVE case planning using Blueprint pre-operative planning software

### Brunch Symposium 2

**Advanced Solutions in Shoulder Arthroplasty**  
 April 15, 2023, 10:15-11:15, Room Kaminzimmer



**Zumstein**

- Why is it important to plan shoulder replacement?
- How to execute the 3D plan in the OR?
- NextAR Shoulder re-live surgery
- Early results using NextAR technology

*Jost*

*Akgün*

*Lädemann*

*Zumstein*

### Brunch Symposium 3

**Smarter Decision Making for Better Outcomes**  
 April 15, 2023, 10:15-11:15, Room Tegel



**Ascani** | **Gühring** | **Verborgt**

- Data driven insights using Signature One Planner™
- Contemporary measures of glenoid inclination (TSA vs RSA)
- Glenoid management using augmented base plates

*Verborgt*

*Ascani*

*Gühring*

## Brunch Symposium 4

### The Future Meets the Present: How Smart Solutions Can Improve Shoulder Surgery

April 15, 2023, 10:15-11:15, Room Charlottenburg I



**Tauber**

Advantages of TSA pre-planning using the Equinoxe® Planning App

GPS Navigation: You don't know what you don't see

Predict+ : Machine learning in orthopaedics

Re-Live Surgery: Navigated TSA with the stemless shoulder

Disasterplasty: How GPS can help turn your nightmare into a standard case

*Barco*

*Drumm*

*Kent*

*Tauber*

*All Panel*

## Brunch Symposium 5

### Implantation of Acumed Anatomical Radial Head System in a Pre-Fractured Cadaveric Specimen

April 15, 2023, 10:15-11:15, Room Charlottenburg II



**Müller** | **Wegmann**

Introduction

Approach and anatomical considerations

Presentation of the system and implantation

*Müller*

*Wegmann*

*Müller*   
*Wegmann*

## Ultrasound Workshop

### Saturday | April 15, 2023

**UW 1**

### Ultrasound Workshop

April 15, 2023, 10:15-11:15, Room Bellevue



**Dirk Böhm** | **Dorota Böhm** | **Dey Hazra** | **Freislederer**

## Cadaver workshop

### Saturday | April 15, 2023

### Cadaver workshop

April 15, 2023, 15:00-18:00, Department of Anatomy Charité

Cutting Edge of Shoulder Repair Techniques

**Akgün** | **Beitzel** | **Hachem** | **Moroder**



Medacta Shoulder System: tailored platform for individual patient needs

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## GENERAL INFORMATION

### Meeting Dates

April 13 – 15, 2023

### Venue

InterContinental Hotel Berlin  
Budapester Strasse 2  
10787 Berlin  
Germany

### Official Language

English, simultaneous translation will not be provided

### Scientific Coordinator

Prof. Dr. med. Markus Scheibel  
Schulthess Clinic Zürich, Switzerland  
Charité – Universitätsmedizin Berlin,  
Germany

### Organizer and Registration

Congress Compact 2C GmbH  
Gina Braun, Gina Isemann, Sarah Koprowski  
Joachimsthaler Strasse 31-32  
10719 Berlin, Germany  
Phone +49 30 88727370  
E-Mail [bisc@congress-compact.de](mailto:bisc@congress-compact.de)

### On-Site Registration and Badge Pick-up

Badge pick-up is scheduled to open on Wednesday, April 12, 2023 afternoon.

Participants will be able to pay for their on-site registration in Euro by cash, EC card or by credit card (American Express, MasterCard and Visa). Registration will be open every day at the InterContinental Hotel Berlin during the following hours:

Wednesday, April 12, 2023	17:00-22:00
Thursday, April 13, 2023   Friday, April 14, 2023	07:00-19:00
Saturday, April 15, 2023	08:00-14:00

### Exhibition Area

Participants must be registered for the meeting in order to access to the exhibition area. The exhibition area will be open as follow:

Thursday, April 13, 2023   Friday, April 14, 2023	07:00-19:00
Saturday, April 15, 2023	08:00-14:00



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[1] Data on file at ZuriMED Technologies: Internal test report-31  
 [2] Data on file at ZuriMED Technologies: Internal test report-19  
 \*Animal and bench testing results may not necessarily be indicative of clinical performance.

## GENERAL INFORMATION

### WiFi Service

Free WiFi access will be available to the participants in all meeting rooms and public areas, including the exhibition area.

### Speakers Ready Room

Please bring a copy of your presentation to the speakers ready room a minimum of 2 hours in advance of your presentation. The Speakers ready room is located at Room Dahlem and will be open as follow:

Wednesday, April 12, 2023  
17:00-22:00

Thursday, April 13, 2023  
07:00-19:00

Friday, April 14, 2023  
07:00-19:00

Saturday, April 15, 2023  
07:00-13:00

### Ethical Medtech Evaluation

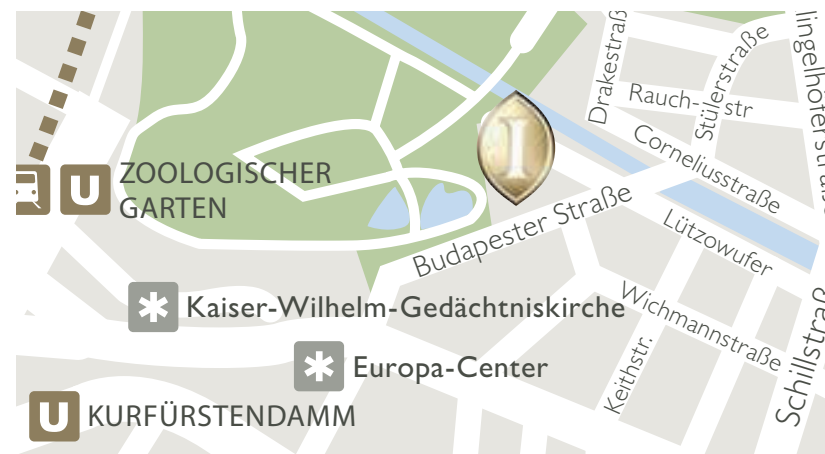
The Berlin International Shoulder Course has been evaluated and approved to be **COMPLIANT** in all categories. Please find details on the Ethical Medtech Website: [www.ethicalmedtech.eu/medtech-apps/cvs/view-event/EMT30650](http://www.ethicalmedtech.eu/medtech-apps/cvs/view-event/EMT30650)

### Certification

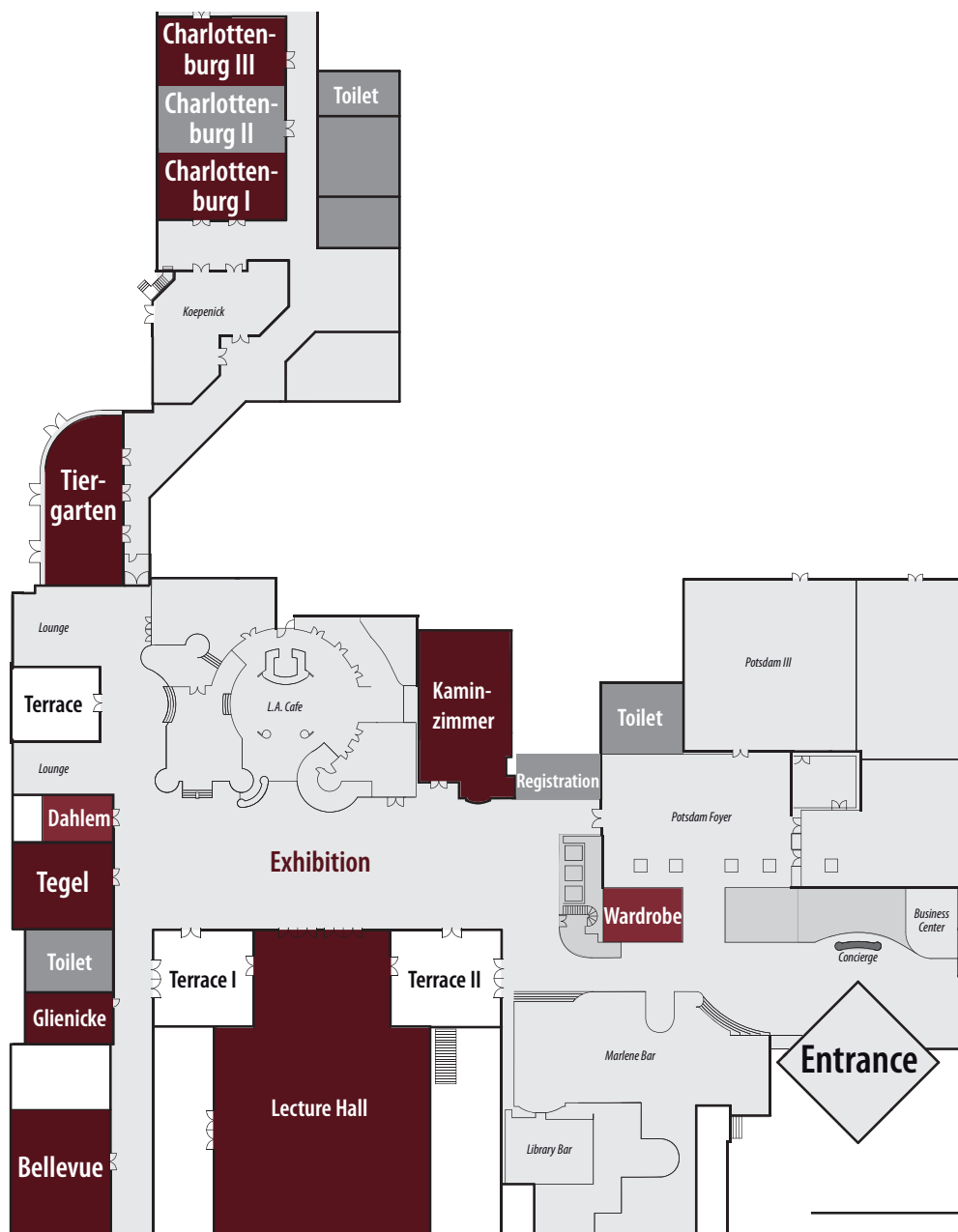
The certification has been applied at the Berlin Medical Association and the International Medical Association.

### Access

Airport BER	28 km
Main train station "Hauptbahnhof"	3 km
Train station "Zoologischer Garten"	1,5 km



## FLOOR PLAN



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# Different Solutions for Massive Cuff Tears

14<sup>th</sup> April | 12:15 - 13:15 | Charlottenburg I

SURGEON FACULTY:



Prof. Alessandro Castagna  
Italy



Prof. Olivier Verborgt  
Belgium



Dr. Raul Barco  
Spain

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[1] Marin E, Fedrizzi L, Regis M, Pirescavo M, Zagra L, Fusi S. Stability Enhancement Of Prosthetic Implants: Friction Analysis Of Trabecular Titanium. Hip Int. 2012;4(2):427-8.  
 [2] Sollazzo V, Mascari L, Pezzetti F, Girani A, Farnella F, Lorusso V, Burelli S, Bloch HR, Carinci F. Genetic effects of Trabecular Titanium™ on MG-63 cell line: a genetic profiling evaluation. ISRN Mater Sci. 2011;3(9):2743.  
 [3] Benazzo F, Betta L, Scaffino MF, Calogna L, Marullo M, Fusi S, Gastaldi G. Trabecular Titanium can induce in vitro osteogenic differentiation of human adipose derived stem cells without osteogenic factors. J Biomed Mater Res Part A. 2014;102A:2641-11.  
 [4] Devine D, Arens D, Burelli S, Bloch HR, Boure L. In vivo evaluation of the osteointegration of new highly porous Trabecular Titanium™. J Bone Joint Surg Br. 2012;94-B (Suppl XXXVIII):201.  
 \* Results from pre-clinical study.

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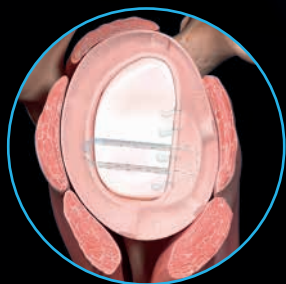
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