



Shoulder
Surgery
2025

Emerging Technologies in Arthroscopy, Fracture Care and Arthroplasty


BERLIN

International Shoulder Course

2025

APRIL 23–26
BERLIN, GERMANY

PRELIMINARY PROGRAM



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Just like you, Stryker is focused on
the complete spectrum of shoulder care



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Dear colleagues and friends,

over the last 25 years, the world of shoulder surgery has been influenced by a tremendous amount of new technologies, implant developments and advanced surgical interventions. This trend is still on-going and in a fast-changing world of transient ideas it is time to reflect which of those innovations have been most impactful and helped us to improve patient outcomes, increase patient safety and are more cost-effective.



A robust understanding of each technology, implant design and surgical procedure including the potential impact in addressing a true clinical problem should be the major goal during Berlin International Shoulder Course (BISC) 2025.

For the first time we will start this meeting on Wednesday with a very special event – a Pre-Course dedicated to most recent innovations. Sign in soon – there is only limited capacity!

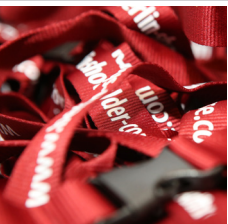
Leading experts from all over the globe will contribute with their expertise and will illustrate how to achieve the best possible treatment outcome for our patients using advanced technologies.

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.

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.

We are looking forward to welcome you to the Berlin International Shoulder Course from April 23–26 2025.

Prof. Dr. med. Markus Scheibel
On behalf of the Scientific Committee of BISC



- 1 **Welcome Address**
- 3 **Information**
International Scientific Committee, Local Organizing Committee
- 7 **Schedule**
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- 11 Wednesday, April 23, 2025
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Markus Scheibel, Switzerland/Germany

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 Philippe Collin, France
 Alessandro Castagna, Italy
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 Patric Raiss, Germany
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 Philippe Valenti, France

Local Organizing Committee

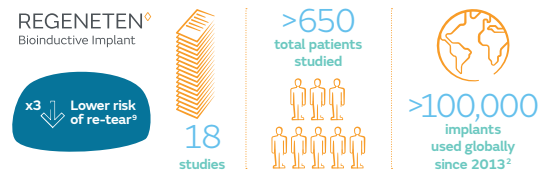
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More than 10 years of clinically demonstrated results¹

The REGENETEN Implant reduces rotator cuff re-tear rates compared with conventional techniques²⁻⁷ offers rapid recovery⁸ for partial-thickness tears^{8,9} and provides positive clinical outcomes.^{1,2,6,8} To find out more about how we're redefining biological healing, visit smith-nephew.com.



References: 1. Boker DJ, et al. Muscles, Ligaments Tendon. J 2015;5(2):144-150. 2. Smith+Nephew internal data. 3. Smith+Nephew 2019 Internal Report EOISPR/REGNETEN/005/11. 4. Yoon J. Arthroscopy. 2015;21(12):2174-2203. 5. Diaz-Baiz MA, et al. Podiatry Report. S0102-2021. 6. Bullwinkel et al. JOCS 2012;20(2):216-221. 7. Yoon JG, et al. Am J Sports Med. 2015;43(7):1505-1508. 8. Parkhaya L, et al. Arthroscopy. 2015;35(8):2262-2271. 9. Diaz-Baiz MA, Navard MG, Marco SP, et al. Augmentation of a transosseous equivalent repair in posterolateral rotator cuff tears with a bioinductive collagen implant: does the re-tear rate at one year. A randomized controlled trial. Arthroscopy. Published online December 27, 2023. *Trademark of Smith+Nephew. ©2024 Smith+Nephew. #2422-03/24

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SCHEDULE – WEDNESDAY | APRIL 23, 2025

Pre-Course	
Introduction	
Introducing Orthopedics First ML Based CT Planning Software	
Implant Innovation – The Identity Shoulder System	
Shoulder Replacement – Worth to Plan but Better to Execute the Plan	
The Importance of Pre-Operative Planning when dealing with Complex Reverse Shoulder Arthroplasty	
Is Metal-Augmented Reverse Baseplate Fixation The Strategy for the Future – Innovation for Glenoid Defects	
Dealing with Revision in 2025	
End of Pre-Course	

14:30–19:30

19:30

07:00	Registration
07:45-08:00	Welcome
08:00-09:00	Keynote Presentations Evolving Technologies in Anterior Shoulder Instability – Non-Operative Treatment and Soft-Tissue Procedures
09:00-09:20	Invited Special Guest Lecture Glenoid Bone Loss in Anterior Instability
09:20-10:00	Live-Surgery Open Latarjet without Screws – The New Gold Standard?
10:00-10:30	Coffee Break and Exhibition
10:30-11:10	Keynote Presentations Bony-Mediated Shoulder Instability – Pathoanatomy and Reconstructive Procedures
11:10-12:00	Relieve Surgical Technique Videos, Round Table Discussion Treatment of Bony-Mediated Shoulder Instability
12:00-13:30	Lunch Break, Exhibition and Lunch Symposia
13:30-14:30	Interactive Mini-Battle Functional Shoulder Instability – What is the Best Treatment Option? Shoulder Instability and Ehlers-Danlos Syndrome Shoulder Instability after Seizures in Epileptics
14:30-15:00	Keynote Presentations Management of Cartilage Injuries of the Shoulder
15:00-15:30	Live-Surgery Shoulder Instability Surgery using VIMS Technology – Streaming from Bella Italia
15:30-15:50	Live-Surgery Allogenic Anatomic Implant-Free Anterior Glenoid Reconstruction
15:50-16:20	Coffee Break and Exhibition
16:20-17:40	Keynote Presentations Complex Fractures and Fracture Sequelae of the Shoulder and Shoulder Girdle
17:40-18:00	Relieve Surgical Technique Videos, Round Table Discussion Innovative Techniques for the Treatment of Fractures of the Proximal Humerus
18:00-18:20	Invited Special Guest Lecture AC-Joint Instability
18:20-19:00	Keynote Presentations Let’s talk about Complications!
19:00	End of First Day and Welcome Reception
19:30	Meet the Experts Case Disasters and How I Overcame them 

LUNCH SYMPOSIA 12:15-13:15
Lunch Symposium 1 Management of the Rotator Cuff Tear – The Complete Approach 
Lunch Symposium 2 Suture Technology Driving Innovation 
Lunch Symposium 3 All around OSTEOCONNECT Techniques for Complex Instability 
Lunch Symposium 4 Mastering the Glenoid – Complex Case Discussions 
Lunch Symposium 5 Treating Proximal Humeral Fractures 
Lunch Symposium 6 Mastering RSA: Strategies for Success 
Lunch Symposium 7 Innovative Concepts in Arthroscopic Shoulder Surgery 

LUNCH SYMPOSIA 12:15-13:15
Lunch Symposium 1 Complex Case Discussions in Shoulder Arthroplasty 
Lunch Symposium 2 Advancing Clinical Outcomes through Novel Implant Designs 
Lunch Symposium 3 Innovations in Motion – Personalized Shoulder Solutions and Technologies 
Lunch Symposium 4 Innovation in Bone Preservation 
Lunch Symposium 5 Advanced Solutions to Improve Shoulder Surgery 
Lunch Symposium 6 Proximal Humerus Fractures in 2025 – What do we know 

Keynote Presentations Evolving Technologies in Rotator Cuff Surgery – Non-Operative Treatment and Anatomical Repairs
Invited Special Guest Lecture Digital Innovations in Shoulder Arthroscopy
Live-Surgery Arthroscopic Rotator Cuff Repair with Graft Augmentation using CuffMend™
Coffee Break and Exhibition
Relieve Surgical Technique Videos and Evidence Based-Treatment Approach Augmentation of Rotator Cuff Tears using Regeneten – Who benefits most?
Keynote Presentations Treatment of Massive Irreparable Posterosuperior Rotator Cuff Tears – Let’s try to clarify the Indications!
Lunch Break, Exhibition and Lunch Symposia
Interactive Mini-Battle Controversial topics – Audience please vote! The Future of Augmentation in Rotator Cuff Surgery Chronic Subscapularis Insufficiency Treatment of the Biceps with Concomitant Superior Rotator Cuff Tears
Live-Surgery Reverse Shoulder Arthroplasty (Perform Humeral & Perform Reverse)
Coffee Break, Exhibition and Round Table Discussion
Relieve Surgical Technique Videos, Round Table Discussion Latest Technologies in Shoulder Surgery
Invited Special Guest Lecture Re-Tears after Rotator Cuff Reconstruction – What is Different Compared to Primary Repairs?
Keynote Presentations Scapulo Thoracic Abnormal Motion (STAM) – Diagnosis and Management
End of Second Day

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

08:00-09:00	Keynote Presentations Evolving Technologies in Shoulder Arthroplasty – 3D planning, PSI, Mixed Reality, Navigation, Machine Learning and Robotics
09:00-10:00	Keynote Presentations Latest Technologies in Hard-Ware for Optimizing Outcome in Shoulder Arthroplasty
10:00-11:30	Brunch Break, Exhibition, Brunch Symposia and Ultrasound Workshop
11:30-12:20	Relieve Surgical Technique Videos, Round Table Discussion Latest Technologies in Shoulder Surgery
12:20-13:30	Keynote Presentations How to Manage Complications in Shoulder Arthroplasty in 2025
13:30-13:45	Farewell & Winner Announcement
13:30-14:00	Shuttle to Cadaver Workshop
14:00-17:00	Cadaver Workshop
17:00	End of Meeting

BRUNCH SYMPOSIA 10:15-11:15
Brunch Symposium 1 What's your Plan? How a Decade of Innovation has Impacted Shoulder Arthroplasty stryker
Brunch Symposium 2 Reveal the Potential – Spheroid Technology for Articular Cartilage Regeneration in the Shoulder ZeLive codon <small>codon is a the.love company</small>
Ultrasound Workshop

Rogozinski Glenoid Retractor
#4271

Designed by Chaim Rogozinski, MD

Designed with an ergonomic profile to help reduce retraction fatigue and place the assistant's hand out of surgical view, while the undersurface helps stabilize the humeral head to allow excellent visualization of the glenoid

Rogozinski Glenoid Reaming Retractor
#4277-01

Designed by Chaim Rogozinski, MD

Designed to help expose the glenoid for reaming during total shoulder arthroplasty

Modified Humeral Head Retractors
Shallow #2437 | Deep #2436

Designed to help lever and displace the proximal humerus posteriorly

Wiater Shoulder Slide
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Designed to help avoid damage to the prosthetic bearing surfaces during dislocation and reduction of a shoulder arthroplasty

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14:30-19:30 Pre-Course

- Introduction**
- Scheibel
- Latest Innovations**
- Introducing Orthopedics First ML Based CT Planning Software exactech
- Schoch
- Implant Innovation – The Identity Shoulder System** ZIMMER BIOMET
Levine Moving You Forward.™
- Shoulder Replacement – Worth to Plan but Better to Execute the Plan** Medacta International
- Zumstein
- The Importance of Pre-Operative Planning when Dealing with Complex Reverse Shoulder Arthroplasty** Arthrex
- Moroder
- Is Metal-Augmented Reverse Baseplate Fixation The Strategy for the Future – Innovation for Glenoid Defects** enovis
- Bale
- Dealing with Revision in 2025** stryker
- Sanchez-Sotelo

19:30 End of the Pre-Course

07:00

Registration

07:45-08:00

Welcome



Scheibel

Session 1
08:00-09:00

Keynote Presentations

Evolving Technologies in Anterior Shoulder Instability – Non-Operative Treatment and Soft-Tissue Procedures



Savoie | Scheibel

- | | | |
|-------|--|-----------------|
| 08:00 | The decision-making process using the global glenoid track concept | <i>Moroder</i> |
| 08:08 | First-time shoulder dislocation – Non-operative, Bankart-repair or more? | <i>Lech</i> |
| 08:16 | Isolated and augmented Bankart-Repairs – Did the results improve? | <i>Collin</i> |
| 08:24 | Bankart-repair and remplissage – Outcomes, healing rates and complications | <i>Verma</i> |
| 08:32 | Anterior instability and hyperlaxity – Strategies in 2025 | <i>Valenti</i> |
| 08:40 | How I deal with associated rotator cuff tears and nerve injuries? | <i>Calvo</i> |
| 08:48 | The beginning of modern shoulder stabilization – Remember the history! | <i>Scheibel</i> |
| 08:56 | Discussion | |

Session 2
09:00-09:20

Invited Special Guest Lecture



Glenoid Bone Loss in Anterior Instability

Scheibel

09:00

Latarjet isn't the gold standard anymore!

Levine

Live-Surgery
09:20-10:00

Live-Surgery

Open Latarjet without Screws – The New Gold Standard?



Athwal | Gerber

Case presentation

Surgeon

Do

Boileau

10:00-10:30

Coffee Break and Exhibition

Session 3
10:30-11:10

Keynote Presentations

Bony-Mediated Shoulder Instability – Pathoanatomy and Reconstructive Procedures



L. Lafosse | Lubiatowski

10:30

The myth around anterior glenoid rim fractures

Scheibel

10:38

From bony avulsion of the cuff to greater tuberosity fractures

Wieser

10:46

Free bone-block procedures – History and current concepts

Hachem

10:54

Open vs. arthroscopic Latarjet procedure – Where is the difference?

Lädermann

Session 4
11:10-12:00

Relieve Surgical Technique Videos and Round Table Discussion

Treatment of Bony-Mediated Shoulder Instability



Akgün | Ravenscroft

- | | | |
|-------|--|-----------------|
| 11:10 | Instability repair with remplissage using knotless soft anchors | <i>Walton</i> |
| 11:16 | Flipped Latarjet - Technique and short-term outcome | <i>Raiss</i> |
| 11:22 | Arthroscopic-assisted J-graft for posterior glenoid bone loss | <i>Moroder</i> |
| 11:28 | Interconnected anchor fixation of free bone grafts | <i>Scheibel</i> |
| 11:34 | Posterior bone block using button fixation | <i>Haasters</i> |
| 11:40 | The Kouvalchouk procedure for posterior instability | <i>Athwal</i> |
| 11:46 | Acromion and glenoid osteotomies to correct static posterior subluxation | <i>Gerber</i> |
| 11:52 | Round table discussion | |

12:00-13:30

Lunch Break, Exhibition and Lunch Symposia

Lunch Symposia
12:15-13:15

Lunch Symposia

Lunch Symposium 1	Management of the Rotator Cuff Tear – The Complete Approach	
Lunch Symposium 2	Suture Technology Driving Innovations	
Lunch Symposium 3	All around OSTEOCONNECT Techniques for Complex Instability	
Lunch Symposium 4	Mastering the Glenoid – Complex Case Discussions	ZIMMER BIOMET Moving You Forward™
Lunch Symposium 5	Treating Proximal Humeral Fractures	
Lunch Symposium 6	Mastering RSA – Strategies for Success	
Lunch Symposium 7	Innovative Concepts in Arthroscopic Shoulder Surgery	

Session 5
13:30-14:30

Interactive Mini-Battle

Controversial Topics – Audience please vote!



Levine | Valenti

13:30-13:50 Functional Shoulder Instability – What is the Best Treatment Option?

- 13:30 Arthroscopic stabilization and rehab is the way to go *Savoie*
- 13:35 Physiotherapy and pacemaker provides the best results *Moroder*
- 13:40 Distal-proximal neuromotor rehab – Cheap and effective *Barth*
- 13:45 Discussion and now please vote!

13:50-14:10 Shoulder Instability and Ehlers-Danlos Syndrome

- 13:50 Don't touch – Surgery makes it even worse! *Lädermann*
- 13:55 Capsulorrhaphy with and without allograft augmentation *Alta*
- 14:00 Fusion or alternative non-soft tissue procedures *Demirhan*
- 14:05 Discussion and now please vote!

14:10-14:30 Shoulder Instability after Seizures in Epileptics

- 14:10 Bankart repair and remplissage is enough *Hartzler*
- 14:15 Bony reconstruction is mandatory *Sanchez-Sotelo*
- 14:20 I wait until everything else has failed *Werthel*
- 14:25 Discussion and now please vote!

Session 6
14:30-15:00

Keynote Presentations

Management of Cartilage Injuries of the Shoulder



Castagna | Werthel

- 14:30 Why I continue to do microfracturing? *Verma*
- 14:36 Autologous chondrocyte transplantation – The gold standard? *E. Böhm*
- 14:42 Minced cartilage – The new kid on the block *Imiolczyk*
- 14:48 When is an osteochondral transplantation indicated? *Mirzayan*
- 14:54 The unusual case – Have you seen it? *Scheibel*

Live-Surgery
15:00-15:30

Live-Surgery

Shoulder Instability Surgery using VIMS Technology – Streaming from Bella Italia



Barth | Verborgt

- Case presentation *Eckl*
- Surgeon *Saccomanno*

Live-Surgery
15:30-15:50

Live-Surgery

Allogenic Anatomic Implant-Free Anterior Glenoid Reconstruction



Lech | Moroder

- Case presentation *Paksoy*
- Surgeon *Akgün*

15:50-16:20

Coffee Break and Exhibition

Session 7
16:20-17:40

Keynote Presentations

Complex Fractures and Fracture Sequelae of the Shoulder and the Shoulder Girdle



Brunner | **Gumina**

- 16:20 Augmented reality to improve fracture care – Where do we stand? *Lubiatowski*
- 16:28 Shape-matching-based fracture reduction navigation *Lambert*
- 16:36 Challenges in 2025 to treat proximal humeral fractures? *Choo*
- 16:44 Minimal-invasive treatment of proximal humeral fractures – My best indications ! *Boileau*
- 16:52 Hemiarthroplasty vs. ORIF for complex fractures in middle-aged patients *Alta*
- 17:00 Reverse for fractures – When to indicate acutely, when to wait? *Schoch*
- 17:08 Complex fractures of the lateral end of the clavicle *Akgün*
- 17:16 Scapula fractures – What can be managed arthroscopically? *Scheibel*
- 17:24 Clavicle malunion and nonunion – The value of 3D printed technology *Sanchez-Sotelo*
- 17:32 Discussion

Session 8
17:40-18:00

Relieve Surgical Technique Videos and Round Table Discussion

Innovative Techniques for the Treatment of Fractures of the Proximal Humerus



Choo | **Moro**

- 17:40 How to reduce, retain and fix a proximal humeral fracture? *Scheibel*
- 17:46 RSA in an acute fracture using VIP and the cow hitch fixation technique *Wieser*
- 17:52 Round table discussion

Session 9
18:00-18:20

Invited Special Guest Lecture

AC-Joint Instability



Scheibel

- 18:00 AC Joint Instability in 2025 – The Bernese approach *Zumstein*

Session 10
18:20-19:00

Keynote Presentations



Let's talk about Complications!

Boileau | Wieser

18:20	Revision of failed free bone block procedures	Brunner
18:28	Management of failed Latarjet procedures	Delaney
18:36	How to manage stiffness after proximal humeral fractures	Moro
18:44	Nerve transfers around the shoulder after iatrogenic injury	T. Lafosse
18:52	How I deal with my failures of AC joint reconstruction	Siebenlist

19:00

End of First Day and Welcome Reception

19:30

Meet the Experts

Case Disasters and How I Overcame them



Session 1
08:00-09:00

Keynote Presentations



Evolving Technologies in Rotator Cuff Surgery –
Non-Operative Treatment and Anatomical Repairs

Collin | Verma

08:00	Automatic tear detection in standard MRI using AI	Zumstein
08:08	Degeneration and healing of cuff tears – How does it match?	Gumina
08:16	How to achieve good results after rotator cuff repair?	Lädemann
08:24	PASTA lesion – What have I learned during the last three decades?	Castagna
08:32	Reconstruction techniques for posterosuperior massive tears	Neyton
08:40	Subscapularis tears – Pattern recognition and tips and tricks for repair	L. Lafosse
08:48	The unusual case – Have you seen it?	Scheibel
08:56	Discussion	

Session 2
09:00-09:20

Invited Special Guest Lecture

Digital Innovations in Shoulder Arthroscopy



Scheibel

09:00	The digital world enters shoulder arthroscopy	Athwal
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Live-Surgery
09:20-10:00

Live-Surgery

Arthroscopic Rotator Cuff Repair with Graft Augmentation using CuffMend™



Hachem  | Raiss 

Case presentation
Surgeon

Weiβ 
Ravenscroft 

10:00-10:30

Coffee Break and Exhibition

Session 3
10:30-11:00

Relieve Surgical Technique Videos and Evidence Based-Treatment Approach

Augmentation of Rotator Cuff Tears using Regeneten – Who benefits most?



T. Lafosse  | Ruiz Ibán 

- 10:30 Regeneten augmentation for various types of cuff tears – Video demo
- 10:40 What is the evidence of structural healing for partial and full-thickness tears?
- 10:45 The use of regeneten in high-risk of failure repairs
- 10:50 Other indications for regeneten augmentation
- 10:55 Discussion

Savoie 

Ruiz Ibán 

Lubiatowski 

Calvo 








Session 4
11:00-12:00

Keynote Presentations

Treatment of Massive Irreparable Posterosuperior Rotator Cuff Tears – Let's try to clarify the Indications!



Jost  | Walton 

- 11:00 Biceps tenotomy for functional irreparable rotator cuff tears Boileau 
- 11:08 When is a partial repair indicated? Technique and results Paladini 
- 11:16 I prefer arthroscopic biologic tuberoplasty Mirzayan 
- 11:24 Tuberoplasty and bursal acromial reconstruction Ravenscroft 
- 11:32 Superior capsular reconstruction – Dermal allograft, biceps, ...? Hartzler 
- 11:40 Latissimus dorsi transfer – The undisputed winner? Gerber 
- 11:48 Lower trapezius transfer – The only way to restore external rotation Valenti 
- 11:56 Discussion

12:00-13:30

Lunch Break, Exhibition and Lunch Symposia

13:30

Shuttle to Cadaver Workshop

Lunch Symposia 12:15-13:15		
Lunch Symposium 1	Complex Case Discussions in Shoulder Arthroplasty	
Lunch Symposium 2	Advancing Clinical Outcomes through Novel Implant Designs	
Lunch Symposium 3	Innovations in Motion – Personalized Shoulder Solutions and Technologies	
Lunch Symposium 4	Innovations in Bone Preservation	
Lunch Symposium 5	Advanced Solutions to Improve Shoulder Surgery	
Lunch Symposium 6	Proximal Humerus Fractures in 2025 – What do we know?	




**Session 5
13:30-14:30** **Interactive Mini-Battle**






Controversial Topics – Audience please vote!

Calvo  | Hartzler 




13:30-13:50 **The Future of Augmentation in Rotator Cuff Surgery**

- 13:30 Autografts (biceps etc.) is the way to go Endell 
- 13:35 I rely on dermal patches from our tissue bank Paladini 
- 13:40 Synthetic technology is the future Wieser 
- 13:45 Discussion and now please vote!

13:50-14:10 **Chronic Subscapularis Insufficiency**

- 13:50 Anterior capsular reconstruction Mirzayan 
- 13:55 Pectoralis major or latissimus dorsi transfer? Elhassan 
- 14:00 Lower trapezius is the new kid on the block T. Lafosse 
- 14:05 Discussion and now please vote!

14:10-14:30 **Treatment of the Biceps with Concomitant Superior Rotator Cuff Tears**

- 14:10 I preserve the tendon (Keep it!) Lech 
- 14:15 I just cut it (Kill it!) Dey Hazra 
- 14:20 I tenodese it (Fix it!) Barco 
- 14:25 Discussion and now please vote!

Live-Surgery
14:30-15:30

Live-Surgery

Reverse Shoulder Arthroplasty (Perform Humeral & Perform Reverse)



Neyton  | Sanchez-Sotelo 

Case presentation
Surgeon

Kraus 
Scheibel 

15:30-16:00

Coffee Break and Exhibition

Session 6
16:00-16:40

Relieve Surgical Technique Videos and Round Table Discussion

Latest Technologies in Shoulder Surgery




Alta  | Mirzayan 

16:00 Neuroanatomy of the subscapularis muscle

Lambert 

16:06 Balloon on top of rotator cuff repairs

Sanchez-Sotelo 

16:12 Superior capsular reconstruction using the biceps tendon

Barth 

16:18 Treatment of isolated biceps pathology

Verborgt 

16:24 How I compensate for posture in RSA

Moroder 

16:30 Pacemaker and RSA – Better outcome?

Raiss 

16:36 Round Table Discussion

Session 7
16:40-17:00

Invited Special Guest Lecture

Re-Tears of the Rotator Cuff



Scheibel 

16:40 Management of re-tears after rotator cuff reconstruction –
What is different compared to primary repairs?

Jost 

Session 8
17:00-18:00

Keynote Presentations

Scapulo Thoracic Abnormal Motion (STAM) – Diagnosis and Management



Demirhan  | Elhassan 

17:00 Anatomy and evaluation of the scapulothoracic
articulation

Elhassan 

17:10 What about structural STAM

Hachem 

17:20 Management of isolated serratus and trapezius paralysis

Werthel 

17:30 Management of combined muscle paralysis

Demirhan 

17:40 My perspective on functional STAM

Elhassan 

17:50 The unusual case – Have you seen it?

Scheibel 

18:00

End of Second Day








Session 1
08:00-09:00

Keynote Presentations

Evolving Technologies in Shoulder Arthroplasty – 3D planning, PSI, Mixed Reality, Navigation, Machine Learning and Robotics



Lädemann  | Levine 

- 08:00 Pre-op planning, PSI and MR in shoulder arthroplasty – When to do what? Delaney 
- 08:08 Blueprint mixed reality guidance – Re-live video and results Neyton 
- 08:16 Augmented reality assisted navigation – Do we really need it? Akgün 
- 08:24 Enabling greater precision and accuracy using ROSA shoulder system Verborgt 
- 08:32 Mixed reality versus robotic surgery – Who will win the battle? Sanchez-Sotelo 
- 08:40 Muscle modeling – What deltoid radiomic measurements are relevant for outcome? Schoch 
- 08:48 Machine learning in shoulder arthroplasty – A systematic review Lazaridou 
- 08:56 Discussion









Session 2
09:00-10:00

Keynote Presentations

Latest Technologies in Hard-Ware for Optimizing Outcome in Shoulder Arthroplasty



Delaney  | Zumstein 

- 09:00 Pyrocarbon hemiarthroplasty with glenoid reaming in young patients Boileau 
- 09:08 Anatomical total shoulder arthroplasty – How to improve longevity? Levine 
- 09:16 Metallic lateralization in RSA – Reproducible, reliable and excellent outcome Freisleder 
- 09:24 Shining light on the dark side of tendon transfer in RSA Valenti 
- 09:32 How to re-establish internal rotation after RSA Collin 
- 09:40 Inverted-bearing reverse shoulder arthroplasty – Long-term results Borroni 
- 09:48 The future of 3D printing and personalized care in shoulder arthroplasty
- An engineer’s perspective Pressacco 
- A shoulder surgeon’s perspective Castagna 
- 09:56 Discussion

10:00-11:30

Brunch Break, Exhibition, Brunch Symposia and Ultrasound Workshop

10:15-11:15

Brunch Symposia

Brunch Symposium 1

What's your Plan? How a Decade of Innovation has Impacted Shoulder Arthroplasty



Brunch Symposium 2

Reveal the Potential – Spheroid Technology for Articular Cartilage Regeneration in the Shoulder



10:15-11:15

Ultrasound Workshop*



Dirk Böhm | Dorothea Böhm

* A separate registration is required.

Session 3
11:30-12:20

Relieve Surgical Technique Videos and Round Table Discussion

Latest Technologies in Shoulder Surgery



Moroder | Paladini

- 11:30 Tips and tricks for optimal humeral and glenoid exposure L. Lafosse
- 11:36 Use of navigation to reduce complications in shoulder arthroplasty Barco
- 11:42 MyImplant – Custom made technology Jost
- 11:48 Implant innovation – The Identity shoulder system Levine
- 11:54 Stemless reverse – Indications and how to avoid early failures Patzner
- 12:00 Revision of humeral stem – Tips and Tricks Boileau
- 12:06 Glenoid reconstruction using femoral head allograft Warnhoff
- 12:12 Discussion

Session 4
12:20-13:30

Keynote Presentations

How to Manage Complications in Shoulder Arthroplasty in 2025



Schoch | Verborgt

- | | | |
|-------|--|----------------|
| 12:20 | Glenoid bony reconstruction after failed anatomical TSA | Scheibel |
| 12:28 | Metallic solution for severe glenoid bone deficiency | Bale |
| 12:36 | Management of proximal humeral bone loss | Franceschi |
| 12:44 | Prevalence and management of complications after stemless RSA | Alta |
| 12:52 | Periprosthetic fractures after RSA – A new classification system | Sanchez-Sotelo |
| 13:00 | Hemi-Reverse – Do we really need this procedure for the future? | Walch |
| 13:08 | Acromial spine fracture – New aspects to be considered | Maggini |
| 13:16 | Periprosthetic infection – Update 2025 | Akgün |
| 13:24 | Discussion | |

Session 5
13:30-13:45

Farewell & Winner Announcement (Berlin Quiz and Social Media Award)



Scheibel

13:30-14:00

Shuttle to the Cadaver Workshop

14:00-17:00

Cadaver Workshop*

17:00

End of Meeting

* A separate registration is required.

The Berlin International Shoulder Course likes to thank the following companies for their support!

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Meeting Dates

April 23 – 26, 2025

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 Isemann
Joachimsthaler Strasse 31-32
10719 Berlin
Germany
Phone +49 30 88727370
E-Mail bisc@congress-compact.de

On-Site Registration and Badge Pick-up

Badge pick-up is scheduled to open on Wednesday, April 23, 2025 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 23, 2025	14:00-22:00
Thursday, April 24, 2025 Friday, April 25, 2025	07:00-19:00
Saturday, April 26, 2025	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 24, 2025 Friday, April 25, 2025	07:00-19:00
Saturday, April 26, 2025	08:00-14:00



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Information about our booth & Lunch symposium is coming soon



Participation Fees | Berlin International Shoulder Course (April 23-26, 2025)

Participation Pre-Course (April 23, 2025)	Early Bird until December 31, 2024	afterwards
Registration Fees	150 €*	175 €*

Participation | Berlin International Shoulder Course (April 24-26, 2025)

Registration Fees	700 €*	900 €*
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Participation | Ultrasound Workshop (April 26, 2025)

Registration Fees	150 €*	200 €*
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Participation | Cadaver Workshop (April 26, 2025)

Registration Fees	500 €*	600 €*
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* plus 19 % VAT

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 23, 2025
13:00-19:00

Thursday, April 24, 2025
17:00-22:00

Friday, April 25, 2025
07:00-19:00

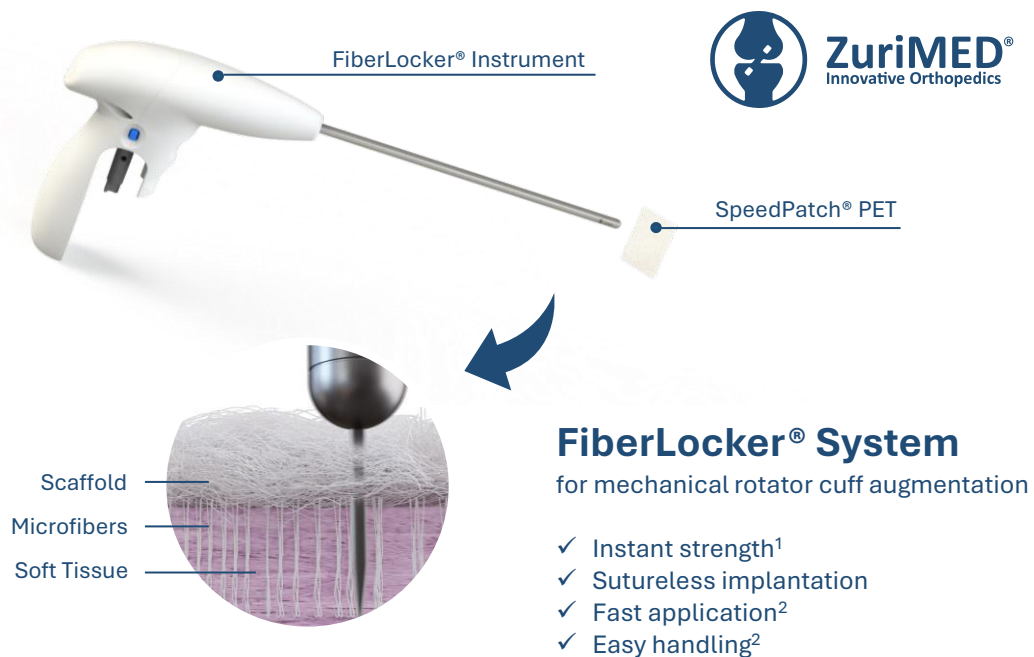
Saturday, April 26, 2025
07:00-13:00

Ethical Medtech Evaluation

The Certification of the event has been applied for from MedTech Europe.

Certification

The Certification of the event will be applied for from the Berlin Medical Association and the International Medical Association.



¹Meyer et. al. (2023)
²Internal test report



Accommodation	Single Room	Double Room
Room per night incl. breakfast	184 €	209 €

We have set up a hotel contingent for you at the event location.
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Access

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

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FRIDAY
 25 APRIL 2025
 12:15 – 13:15

Join us and our distinguished international faculty in exploring current challenges and treatment options in proximal humerus fractures. This session provides an exceptional opportunity to build bridges between leading experts from Switzerland, the USA, and Germany – a unique platform to gain a truly global perspective on the latest developments in the field.

SPEAKERS

- Andrew M. Choo, MD, Houston, TX, USA
- Beat Moor, MD, Sion/Martigny, Switzerland
- Markus Scheibel, MD, Zurich, Switzerland/Berlin, Germany
- Christian Spross, MD, Zurich, Switzerland

MODERATOR

- Christian Gerber, MD, PhD, FRCS, Zurich, Switzerland



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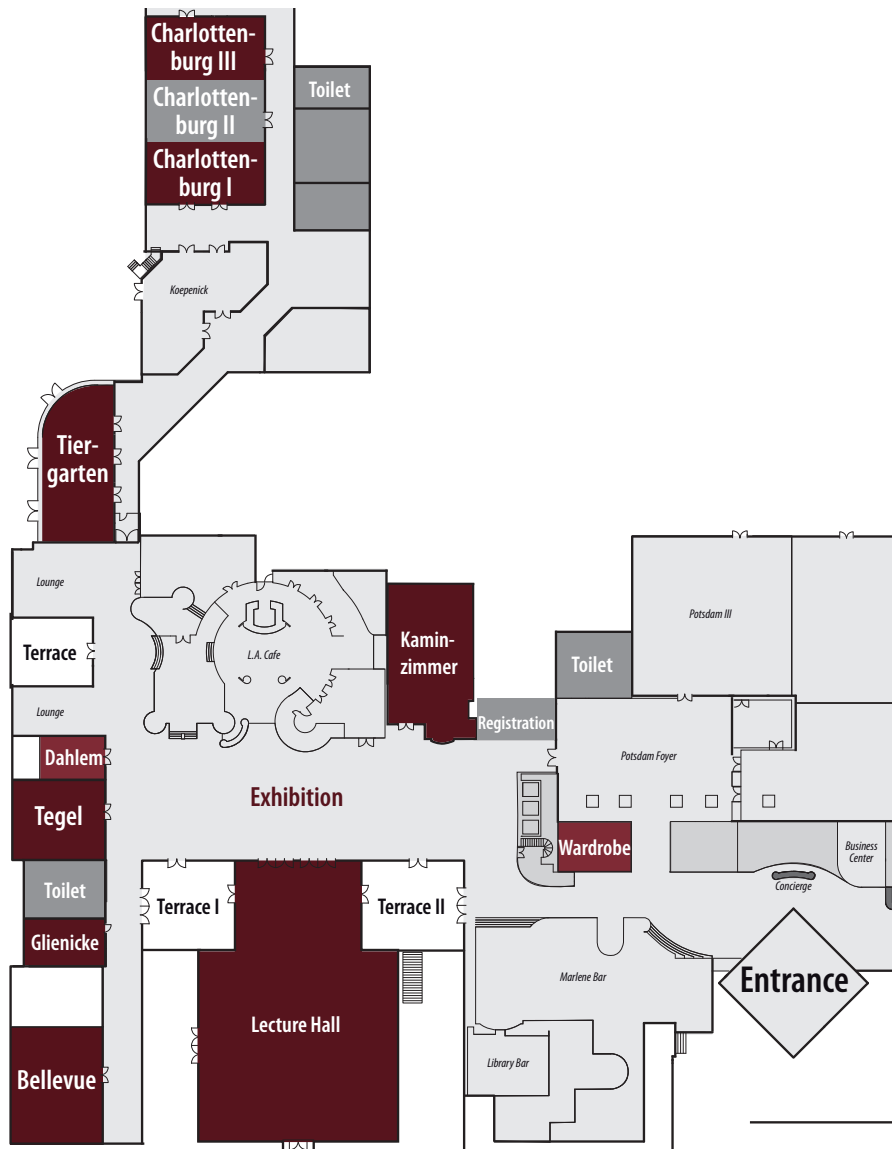


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Please use the online form under: www.berlin-shoulder-course.com
or return the registration form by fax +49 30 887273710

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Registration

	until Dec 31, 2024	afterwards
<input type="checkbox"/> Pre-Course	150 €*	175 €*
<input type="checkbox"/> Participation Fee	700 €*	900 €*
<input type="checkbox"/> Cadaver Workshop	500 €*	600 €*
<input type="checkbox"/> Ultrasound Workshop	150 €*	200 €*

* All prices plus 19% tax.

- I have read the terms of cancellation and accept them.
- Please inform me by E-Mail about future events (newsletter).

Terms of cancellation

By a cancellation until January 6, 2025, a cancellation fee of 50 €* will be retained. Until March 12, 2025, 50% of the total amount will be refunded. After that date or in case of no-show without cancellation, 100% will be charged. Cancellations require written form.

City, Date	Signature
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* All prices plus 19% tax.



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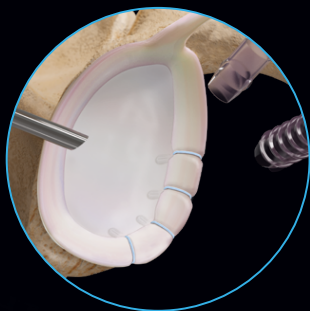
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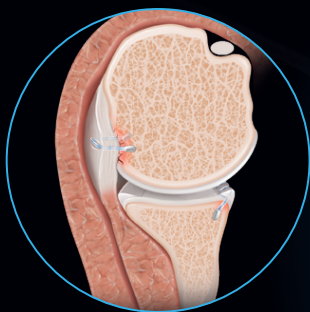
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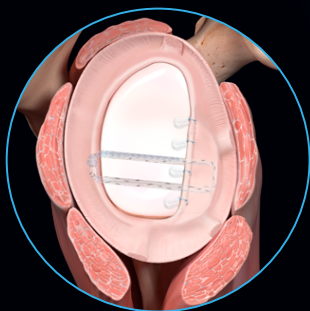
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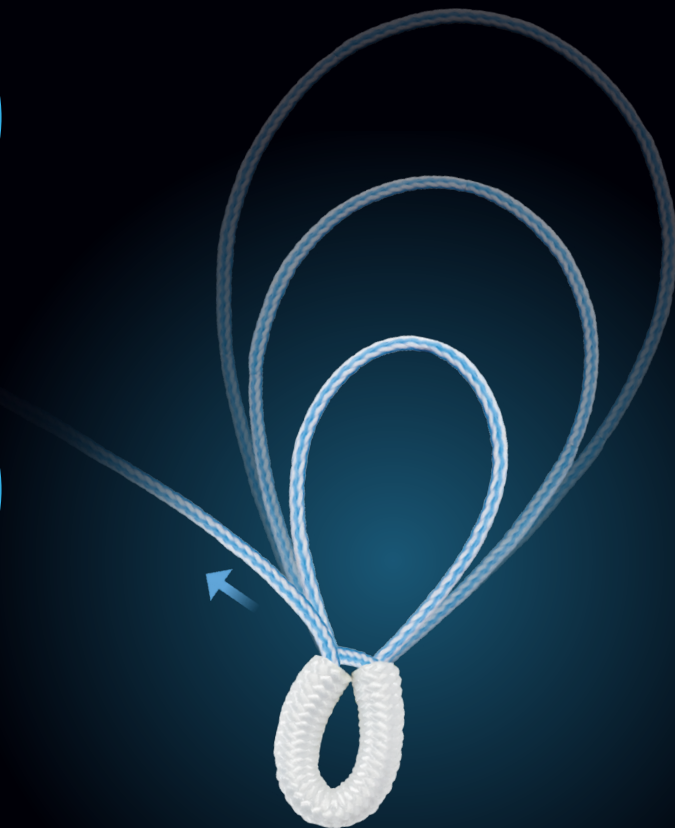
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