



# BERLIN

## International Shoulder Course

2021 | JANUARY 7–9  
BERLIN, GERMANY

Reconstructive Shoulder Surgery —  
Where do we stand?

# PROGRAM

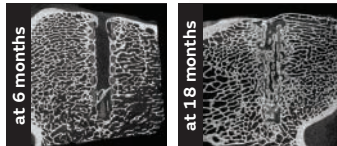
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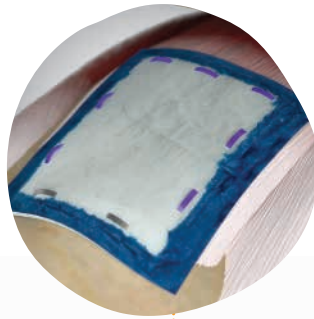


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## WELCOME ADDRESS

Dear colleagues and friends,

due to the coronavirus pandemic the Berlin International Shoulder Course (BISC) has been postponed to January 7th – 9th, 2021. This date is fixed so please put it into your agenda!

Two aspects are clear – first, we won't be back to a normal life in early 2021 and second, BISC will be the first international shoulder event in the upcoming year. These two facts motivate us to provide you an educational event of highest scientific quality after the New Year Holidays.



It is time to reflect and ask ourselves what we really have achieved during the last decades using new technologies, sophisticated implants, and so-called "modern surgical techniques". What have been the true milestones of arthroscopic and open shoulder reconstructive procedures including rotator cuff repair, instability surgery, AC-Joint reconstruction etc.?

A second focus of BISC will be the management of complications. With increasing numbers of primary interventions, revision surgery still represents an underestimated problem that is mainly solved in specialized centers. Diagnostic strategies and therapeutic options including salvage procedures will be presented during the meeting.

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

On behalf of the scientific committee, we are looking forward to your participation to the Berlin International Shoulder Course (BISC).

Prof. Dr. Markus Scheibel

Smith & Nephew, Inc. 150 Minuteman Road Andover, MA 01810, [www.smith-nephew.com](http://www.smith-nephew.com), US Customer Service: +1 800 343 5717 \*Trademark of Smith & Nephew. ©2019 Smith & Nephew. All rights reserved. Printed in USA. 19378 V2 12/19

**References** 1. Data on file at Smith+Nephew, report 15000897, 2012. 2. Data on file at Smith+Nephew, report NCS248 (18 month interim report), 2014. \*In vivo animal testing. Data based on micro CT.

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# Shoulder to Shoulder

Plan. Guide. Reconstruct.

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## Chairman

Markus Scheibel, Switzerland/Germany

## International Scientific Committee

George S. Athwal, Canada  
Emilio Calvo, Spain  
Alessandro Castagna, Italy  
Bernhard Jost, Switzerland

Philipp Moroder, Germany  
Matthew T. Provencher, USA  
Hiroyuki Sugaya, Japan  
Philippe Valenti, France

## Invited Special Guest Speakers

Eiji Itoi, Japan

Jae Chul Yoo, South Korea

## Patronage



## Speakers

 Doruk Akgün 	 Werner Anderl 	 Samuel Antuña 
 George S. Athwal 	 Raul Barco 	 Johannes Barth 
 Elisabeth Böhm 	 Pascal Boileau 	 Samy Bouaicha 
 Achilleas Boutsiadis 	 Ulrich Brunner 	 Wayne Z. Burkhead Jr. 
 Emilio Calvo 	 Alessandro Castagna 	 Philippe Collin 
 Mehmet Demirhan 	 Patrick Denard 	 Peter Domos 
 Thomas R. Duquin 	 Florian Drumm 	 Bassem Elhassan 
 Emmanouil Fandridis 	 Gabriele Fiumana 	 Florian Freisleder 
 Michael C. Glanzmann 	 Stefan Greiner 	 Peter Habermeyer 

## FACULTY

 Abdul Ilah Hachem 	 Niels Hellmers 	 Ralph Hertel 
 Andreas B. Imhoff 	 Eiji Itoi 	 Bernhard Jost 
 Jan Christoph Katthagen 	 Max Kääh 	 Maximilian Kerschbaum 
 Jörn Kircher 	 Lucca Lacheta 	 Alexandre Lädemann 
 Laurent Lafosse 	 Thibault Lafosse 	 Ulrich Lanz 
 Helmut Lill 	 Wei Lu 	 Przemyslaw Lubiatowski 
 Oleg Nikolaevich Milenin 	 Marvin Minkus 	 Christophe Monnin 
 Philipp Moroder 	 Marco Muraccini 	 Peter Müller 
 Lionel Neyton 	 Michael J. O'Brien 	 Paolo Paladini 

## FACULTY

 Gèza Pap 	 Panayiotis J. Papagelopoulos 	 Bradford Parsons 
 Thilo Patzer 	 Dirk Petré 	 Matthew T. Provencher 
 Patric Raiss 	 Falk Reuther 	 Joaquin Sanchez-Sotelo 
 Markus Scheibel 	 Benedikt Schliemann 	 Cecilie Piene Schrøder 
 Hiroyuki Sugaya 	 Ettore Taverna 	 Kathi Thiele 
 Philippe Valenti 	 Olivier Verborgt 	 Jean-David Werthel 
 Karl Wieser 	 Barbara Wirth 	 Jae Chul Yoo 
 Matthias A. Zumstein 		



19:00 - 20:00

## KICK-OFF SYMPOSIUM

Kick-Off Symposium  
The Shoulder Pacemaker



**PARTICIPATE  
FOR FREE**

## LUNCH SYMPOSIA

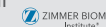
**Lunch Symposium 1**  
Virtual implant positioning™



**Lunch Symposium 2**  
Mini-battle on advanced  
stabilization procedures



**Lunch Symposium 3**  
Planning your cases in shoulder surgery  
using the Signature ONE System



**Lunch Symposium 4**  
A focus on Reversed Shoulder Arthroplasty



**Lunch Symposium 5**  
Medacta Shoulder System –  
Tailored platform for individual  
patient needs



## Registration

Welcome

### Presentations

State of the art in anterior shoulder instability –  
What have we achieved in 2021?

### Re-Live Surgery

All suture anchors, multiple use

### Invited Special Guest Lecture

Milestones in management of anterior shoulder instability

### Coffee Break and Exhibition

### Presentations

State of the art and recent innovations in posterior  
shoulder instability

### Live Surgery from Nice

Arthroscopic Latarjet with ENDOBUTTON™ fixation

### Lunch Break, Exhibition and Lunch Symposia

### Interactive Mini Battles

Non-operative vs. arthroscopic vs. open repair –  
Why is it still controversial?

### Re-Live Surgery

Arthroscopic anatomical glenoid reconstruction

### Coffee Break and Exhibition

### Surgical Video Techniques – Tips & Tricks

Innovative techniques for the treatment of anterior  
shoulder instability

### Presentations

Management of failed shoulder instability repair

### End of the First Day

07:45 - 08:00

08:00 - 09:00

09:00 - 10:00

10:00 - 10:30

10:30 - 11:00

11:00 - 12:00

12:00 - 13:00

13:00 - 14:30

14:30 - 15:30

15:30 - 16:30

16:30 - 17:00

17:00 - 18:10

18:10 - 19:10




from 19:10

## SCHEDULE – FRIDAY | JANUARY 8, 2021

08:00 - 09:00	<b>Registration</b>
	<b>Presentations</b> State of the art in rotator cuff reconstruction – What have we achieved in 2021?
09:00 - 10:00	<b>Re-Live Surgery</b> Rotator cuff repair combined with REGENETEN™ bioinductive implant
10:00-10:30	<b>Coffee Break and Exhibition</b>
10:30-11:30	<b>Presentations</b> Innovations in arthroscopic rotator cuff repair – Implication for daily clinical practice
11:30-12:00	<b>Invited Special Guest Lecture</b> The subscapularis – Revival of a forgotten musculotendinous unit
12:00-12:30	<b>Kick-Off Symposium</b> The Shoulder Pacemaker
12:30 - 14:00	<b>Lunch Break, Exhibition and Lunch Symposia</b>
14:00 - 15:00	<b>Interactive Mini Battles</b> Rotator cuff surgery – Open questions in 2021
15:00 - 16:00	<b>Re-Live Surgery</b> Superior capsular reconstruction using long head of biceps tendon
16:00 - 16:30	<b>Coffee Break and Exhibition</b>
16:30 - 18:00	<b>Surgical Video Techniques – Tips &amp; Tricks</b> Latest technologies in arthroscopic rotator cuff surgery
18:00 - 19:00	<b>Presentations</b> Strategies for irreparable rotator cuff tears or failed previous surgery
	<b>End of the Second Day</b>

<b>LUNCH SYMPOSIA</b>
<b>Lunch Symposium 6</b> Bone loss instructional course 
<b>Lunch Symposium 7</b> Shoulder injuries in high-level athletes 
<b>Lunch Symposium 8</b> Arthroscopic repair of massive cuff tears 
<b>Lunch Symposium 9</b> A 3D Pre-Operative Planning Solution: BLUEPRINT™ – Present and Future 
<b>Lunch Symposium 10</b> Contemporary options for managing massive cuff tears – The continuum of care 
<b>Lunch Symposium 11</b> Technological advancements in shoulder arthroplasty – The future is now 

## SCHEDULE – SATURDAY | JANUARY 9, 2021

<b>BICEPS SYMPOSIUM</b>	<b>Registration</b>
<b>Biceps Symposium</b> Management of biceps tendon pathologies in 2021	<b>Biceps Symposium</b>
	<b>Presentations</b> Management of AC-joint instability in 2021
	<b>Presentations</b> Management of cartilage lesions in 2021
	<b>Coffee Break and Exhibition</b> <b>Brunch Symposia</b>
<b>BRUNCH SYMPOSIA</b>	<b>Presentations</b> Management of nerve lesions in 2021
<b>Brunch Symposium 1</b> First-time shoulder dislocation – Current concepts 	<b>Presentations</b> Management of scapulothoracic disorders in 2021
<b>Brunch Symposium 2</b> Affinis Inverse – Evolution vs. revolution 	<b>End of the Meeting</b>
<b>Brunch Symposium 3</b> Special cases – Need for special techniques and special implants 	

07:00 - 08:00
08:00 - 09:00
09:00 - 10:00
10:00 - 11:30
11:30 - 12:00
12:00 - 13:00

# > The gentle (R)EVOLUTION

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**2018**  
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> **CONMED WORKSHOP:**  
SHOULDER INJURIES  
IN HIGH-LEVEL ATHLETES  
Moderator: **Prof. Dr. Markus Scheibel**

**Special aspects of the overhead  
athletes shoulder**

**PD Dr. Karl Wieser**

**Treatment of shoulder instability in  
high-level athletes: Is it any different?**

**Prof. Dr. Olivier Verborgt**

**Shoulder injuries in gymnasts –  
The German / The French experience**

**Prof. Dr. Markus Scheibel /  
Prof. Dr. Pascal Boileau**

> **CONMED LIVE SURGERY**

**Instability Bankart repair using the  
latest innovation in All-Suture Anchors**

**Prof. Dr. Alessandro Castagna**

**GREAT INNOVATION SERIES.  
WHAT'S NEXT?**

PROGRAM – WEDNESDAY | JANUARY 6, 2021

Kick-Off  
19:00-20:00

Kick-Off Symposium

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FOR FREE**

The Shoulder Pacemaker



**Moroder** | **Scheibel**

19:00	Introduction	<i>Scheibel</i>
19:02	The Shoulder Pacemaker Platform	<i>Muraccini</i>
19:09	Treatment of functional posterior shoulder instability using the Shoulder Pacemaker	<i>Moroder</i>
19:16	Scapula tracking and EMG analysis in functional posterior shoulder instability	<i>Fiumana</i>
19:23	External rotator weakness in overhead athletes and potential treatment using the Shoulder Pacemaker	<i>Lanz</i>
19:30	Discussion	
19:45	BISC Program Presentation and Invitation BISC 2021	<i>Scheibel</i>

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CONMED



07:45-08:00

## Welcome

Why are we here?



Scheibel  | Moroder 

Session 1  
08:00-09:00

## Presentations

State of the art in anterior shoulder instability –  
What have we achieved in 2021?

- 08:00 How I evaluate a patient with anterior shoulder instability in 2021
- 08:10 What is the best and safest way to reduce a dislocated shoulder?
- 08:20 Bankart-Repairs in the 21<sup>st</sup> century – How do results differ from the past?
- 08:30 Arthroscopic posterior remplissage – Did this procedure stand the test of time?
- 08:40 Free bone block procedures – Where are we now?
- 08:50 Past, present and future of coracoid transfer techniques

Athwal 

Werthel 

Sugaya 

Boileau 

Scheibel 

Valenti 

Re-Live Surgery  
09:00-10:00

## Re-Live Surgery

All suture anchors, multiple use



Castagna 



Scheibel 

- 09:00 SLAP using double loaded anchor
- 09:15 Rotator Cuff using triple loaded anchor
- 09:30 Bankart using double loaded anchor (MIBA Stitch)
- 09:45 Arthroscopic assisted Latarjet using bone cerclage fixation

Session 2  
10:00-10:30

## Invited Special Guest Lecture

Milestones in management of anterior shoulder instability






Itoi 

SOCIAL MEDIA AWARD

## COMPETITION TIME!

Post a picture of #BISC2021 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 #BISC2021
3. Collect as much likes and shares as possible!

The winner with the most likes under #BISC2021 will be awarded Saturday at 10:00 a.m.







10:30-11:00

## Coffee Break and Exhibition

Session 3  
11:00-12:00

## Presentations

### State of the art and recent innovations in posterior shoulder instability

- |       |                                                                            |                                                                                               |
|-------|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 11:00 | ABC classification for posterior shoulder instability                      | Scheibel    |
| 11:10 | Acute first-time posterior subluxation/dislocation – How to manage?        | Parsons     |
| 11:20 | Functional posterior shoulder instability – Is the pacemaker the solution? | Moroder     |
| 11:30 | Structural posterior shoulder instability – Which technique works best?    | L. Lafosse  |
| 11:40 | Static posterior subluxation – Any chance to cure?                         | Domos       |
| 11:50 | Locked posterior dislocation – Humeral reconstruction is the way to go!    | Wieser      |

Live Surgery  
12:00-13:00

## Live Surgery from Nice

### Arthroscopic Latarjet with ENDOBUTTON™ fixation



Boileau 



Lubiatowski 

13:00-14:30

## Lunch Break and Exhibition

*More information see page 33*

13:15-14:15

## Lunch Symposia

Lunch  
Symposium 1

Virtual implant positioning™



Lunch  
Symposium 2

Mini-battle on advanced stabilization procedures



Lunch  
Symposium 3

Planning your cases in shoulder surgery using the Signature ONE System



Lunch  
Symposium 4

A focus on Reversed Shoulder Arthroplasty



Lunch  
Symposium 5

Medacta Shoulder System – Tailored platform for individual patient needs



## Session 4 14:30-15:30

### Interactive Mini-Battles

**Non-operative vs. arthroscopic vs. open repair – Why is it still controversial?**

#### 14:30 Displaced anterior glenoid rim fractures

Conservative treatment works best!

Wieser 

Arthroscopic reconstruction is the way to go!

Provencher 

I still do it open and I won't change!

Lill 



Discussion and vote

#### 14:50 Displaced greater tuberosity fractures

Non-operative management is the safest way and provides fastest recovery!

Schliemann 

An open approach works best for me!

Parsons 

Arthroscopic reduction and fixation gives the best results!

Greiner 



Discussion and vote

#### 15:10 HAGL lesions

Latarjet is the way to go!

T. Lafosse 

I fix them arthroscopically!

O'Brien 

Only an open repair restores the anatomy!

Brunner 



Discussion and vote

## Re-Live Surgery 15:30-16:30

### Re-Live Surgery

**Metal free bony reconstruction of anterior glenoid defects**



Scheibel  | Hachem 

15:30 Arthroscopic bone cerclage technique for glenoid deficiency

Scheibel 

15:50 Arthroscopic assisted Latarjet using bone cerclage fixation

Hachem 

## 16:30-17:00

### Coffee Break and Exhibition

## Session 5 17:00-18:10

### Surgical Video Techniques – Tipps & Tricks

**Innovative techniques for the treatment of anterior shoulder instability**

17:00 Arthroscopic HAGL-Repair

Raiss 

17:08 Bankart-Plus procedure – A new approach for minor glenoid bone loss

Moroder 

17:16 Arthroscopic J-graft reconstructions of glenoid bone loss





Anderl 

17:24 Dynamic anterior stabilization using the LHB for anterior instability

Collin 

17:32 Antero-inferior glenohumeral ligament reconstruction using a palmaris longus autograft







Zumstein 

17:40	Arthroscopic glenoid fracture treatment using a button fixation technique	Patzer 
17:48	Multifragmented glenoid fracture treatment using osteochondral darts and knotless anchors	Minkus 
17:56	Distal tibial allograft reconstruction of the glenoid	Provencher 
18:04	3 Portal modified flexible arthroscopic Latarjet procedure	Lu 

Session 6  
18:10-19:10

## Presentations

### Management of failed shoulder instability repair

18:10	On- and off-track calculation for failed Bankart-Repairs	Calvo 
18:20	Revision after open Latarjet – Techniques and results	Paladini 
18:30	Revision after arthroscopic Latarjet – What is different compared to open Latarjet?	Athwal 
18:40	Complications after iliac crest bone grafting	Moroder 
18:50	Failed posterior instability repair – What is next?	Provencher 
19:00	My worst complications after instability repair and how did I manage them?	L. Lafosse 

## 19:10 End of the First Day

## TORNIER AEQUALIS ASCEND™ FLEX Convertible Shoulder System



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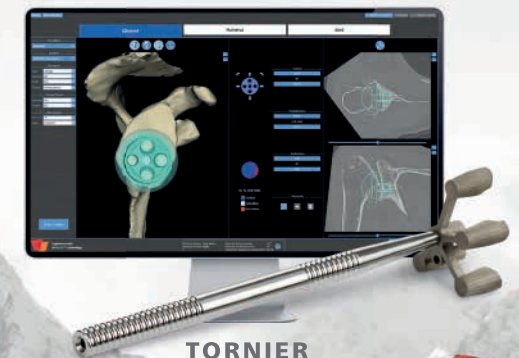
99.03% for FLEX Anatomic

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1Data on file.  
2Aequalis Ascend™ Flex Humeral Stem Outcomes @ 2y Follow-up, Interim Post-Market Clinical Report with data issued from the Shoulder Outcomes "SHOUT" study.

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## Session 1 08:00-09:00

### Presentations

#### State of the art in rotator cuff reconstruction – What have we achieved in 2021?

08:00	What is new in non-operative treatment of rotator cuff tears?	Katthagen 
08:10	My best indications for rotator cuff reconstruction	Jost 
08:20	Long-term results of arthroscopic rotator cuff repair – Goal achieved?	Collin 
08:30	Tendon transfers for irreparable tears – What works and what doesn't?	Elhassan 
08:40	Balloon versus SCR – A biomechanical comparison	Athwal 
08:50	Reverse shoulder arthroplasty for cuff tear arthropathy in 2021	Castagna 




## Re-Live Surgery 09:00-10:00

### Re-Live Surgery

#### Rotator cuff repair combined with REGENETEN™ bioinductive implant



Scheibel  | Taverna 

09:00	REGENETEN Bio-Inductive Implant – Overview, Science & Clinical Data	Taverna 
09:20	REGENETEN Surgical Technique	O'Brien 
09:30	New Orleans Experience and Study Results	O'Brien 
09:40	Q&A	







## 10:00-10:30

### Coffee Break and Exhibition

## Session 2 10:30-11:30

### Presentations

#### Innovations in arthroscopic rotator cuff repair – Implication for daily clinical practice

10:30	Arthroscopic rotator cuff repair – Which technique should we use today?	Brunner 
10:40	Acute massive rotator cuff tears and pseudoparesis	Jost 
10:50	Patches – Rational techniques and results in 2021	Yoo 
11:00	Biological considerations – Present and future	Zumstein 
11:10	Long head of biceps tendon for superior capsular reconstruction	Barth 
11:20	Tendon transfer for massive rotator cuff tears – With or without partial repair of the rotator cuff?	Valenti 

## Session 3 11:30-12:00

### Invited Special Guest Lecture

The subscapularis –  
Revival of a forgotten musculotendinous unit

Yoo 





## Shoulder Pacemaker™ is MAS Motion Activated Stimulation A new paradigm in electro-stimulation

The **Shoulder Pacemaker™** is an innovative wearable electro stimulator created for patients suffering from unbalanced muscle activation in the shoulder.



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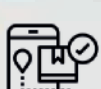
**SPECIFIC  
REHAB  
PROTOCOLS**



**ADAPTABLE TO THE  
PATIENT'S PACE  
AND NEEDS**



**DYNAMIC  
STIMULATION**



**TRACKS AND  
RECORDS THE  
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The **Shoulder Pacemaker™** is the right choice to improve muscle recruitment patterns in patients suffering from various shoulder pathologies:

**POSTERIOR SHOULDER INSTABILITY**

**ROTATOR CUFF TEAR REHAB**

**SCAPULAR DYSKINESIS**

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**NCS** produces manufacture and market medical devices for healthcare and sports medicine, primarily focused on **orthopaedics**

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### TRAINING

#DEXTER\_TRAINING\_MODEL

### MOTION ANALYSIS

#SHOWMOTION

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12:30-14:00

Lunch Break and Exhibition

*More information see page 35*

12:45-13:45

Lunch Symposia

Lunch  
Symposium 6

Bone loss instructional course



Lunch  
Symposium 7

Shoulder injuries in high-level athletes



Lunch  
Symposium 8

Arthroscopic repair of massive cuff tears



Lunch  
Symposium 9

A 3D Pre-Operative Planning Solution:  
BLUEPRINT™ – Present and Future



Lunch  
Symposium 10

Contemporary options for managing  
massive cuff tears – The continuum of care



Lunch  
Symposium 11

Technological advancements in shoulder  
arthroplasty – The future is now



Session 5  
14:00-15:00

## Interactive Mini-Battles

### Rotator cuff surgery – Open questions in 2021

#### 14:00 Acromion morphology and critical shoulder angle

Malfunction follows form - Omometry matters!

Bouaicha 

I don't care about bony anatomy in cuff repairs!

Lädemann 



Discussion and vote

#### 14:15 Biologic augmentation for rotator cuff repairs

Nothing has worked so far!

Verborgt 

There are ways to enhance healing of the cuff!

Lubiatowski 



Discussion and vote

#### 14:30 Upper third subscapularis tears

No need to repair!

Wirth 

Reconstruction provides better results!

L. Lafosse 



Discussion and vote

#### 14:45 Immobilization after rotator cuff reconstruction

Is not needed!

Lädemann 

Is mandatory!

Akgün 



Discussion and vote

Re-Live Surgery  
15:00-16:00

## Re-Live Surgery

Superior capsular reconstruction  
using long head of biceps tendon



Boutsiadis 









16:00-16:30

## Coffee Break and Exhibition

Session 6  
16:30-18:00

## Surgical Video Techniques – Tipps & Tricks

### Latest technologies in arthroscopic rotator cuff surgery

16:30	PASTA-Repair – An accurate and atraumatic technique	Reuther 
16:38	Transosseus rotator cuff repair – Back to the future?	Castagna 
16:46	Arthroscopic knotless cuff repair – The Montgolfier procedure	Neyton 
16:54	Arthroscopic repair of delaminated rotator cuff tears	Barco 
17:02	Arthroscopic double-row subscapularis repair	Thiele 
17:10	Arthroscopic rotator cuff repair using bursal augmentation	Freisleder 
17:18	Superior capsular reconstruction – What do we know about healing?	Scheibel 
17:26	Superior capsular reconstruction using autologous tendon grafts	Kircher 

17:34	Massive rotator cuff tears with partial repair and subacromial balloon – Is this reasonable?
17:42	Arthroscopically-assisted latissimus dorsi transfer
17:50	Lower trapezius transfer for external rotation deficits

Antuña 


Wieser Elhassan 

**Session 7**  
**18:00-19:00**

## Presentations

## Strategies for irreparable rotator cuff tears or failed previous surgery

18:00	Arthroscopic revision using dermal allografts
18:10	Arthroscopic Trillat procedure for massive rotator cuff tears
18:20	Latissimus dorsi transfer for failed primary cuff repairs
18:30	Results of reverse arthroplasty for failed cuff repair
18:40	Reverse arthroplasty for failed tendon transfers – What is different?
18:50	My worst complications after rotator cuff repair and how did I manage them?

Paladini Neyton Wieser Boileau Sanchez-Sotelo Valenti 

19:00 End of the Second Day



# ReUnion® RSA Shoulder Platform









CE submission currently under review

A registered mark always only is used in our professional, clinical judgment when defined by law as a particular product when treating a particular patient. Hyperbaric does not encompass all medical conditions and assumptions that require the use of the term oxygen baric product before using it in therapy. The information presented is intended to demonstrate the breadth of Hyperbaric product offerings. A request must always refer to the package insert, and should include full and complete instructions for use before using any Hyperbaric product. Products may not be available in all markets because product availability is subject to the regulatory and medical product practices in individual markets. Please contact your Hyperbaric representative if you have questions about the availability of Hyperbaric products in your country. Hyperbaric Corporation or its division or other corporate affiliated nation own, use or have applied for the following trademarks or service marks: Reflexion, Hyperbaric. All other trademarks are trademarks of their respective owners or holders.

Early Bird  
07:00-08:00

## Biceps Symposium







### Management of biceps tendon pathologies in 2021

07:00	Biceps pathologies – Which challenges do we face in 2021?	Yoo 
07:10	SLAP lesions in young athletes – Always preserve?	Lacheta 
07:20	Efficacy of labral repair, biceps tenodesis or sham surgery in SLAP II lesions – Facts of a randomized controlled trial	Schröder 
07:30	Arthroscopic suprapectoral biceps tenodesis – Keep it simple	Patzner 
07:40	Implant free biceps loop tenodesis – The best of two worlds	Kerschbaum 
07:50	All-arthroscopic proximal subpectoral biceps tenodesis – The true pain reliever	Milenin 

Session 1  
08:00-09:00

## Presentations







### Management of AC-joint instability in 2021

08:00	Modern classification systems and diagnostic tools for AC-joint separations	Calvo 
08:10	Prognostic factors for acute AC-joint repair	Maziak 
08:20	Latest innovations for arthroscopic AC-joint reconstruction	Scheibel 
08:30	Do chronic repairs lead to less favorable outcomes?	Lädemann 
08:40	Return to sports after AC-joint reconstruction	Glanzmann 
08:50	My worst complications after arthroscopic AC-joint reconstruction and how did I manage them?	Imhoff 

Session 2  
09:00-10:00

## Presentations

### Management of cartilage lesions in 2021

09:00	Bone marrow stimulation techniques – What works, what doesn't?	Lubiatowski 
09:10	Osteochondral transplantation – Still an option in 2021?	Habermeyer 
09:20	Autologous chondrocyte transplantation for isolated humeral lesions	Böhm 
09:30	Arthroscopic glenoid resurfacing	O'Brien 
09:40	Metallic reconstruction of the humeral head	Imhoff 
09:50	Glenoid resurfacing and hemiarthroplasty – What have I learned?	Burkhead 



10:00-11:30

## Coffee Break and Exhibition

More information see page 39

10:15 - 11:15

## Brunch Symposia

Brunch  
Symposium 1

First-time shoulder dislocation –  
Current concepts



Brunch  
Symposium 2

Affinis Inverse – Evolution vs. revolution



Brunch  
Symposium 3

Special cases – Need for special  
techniques and special implants



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[1]\* 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 XXXVII):201. (\* Results from pre-clinical study).

Session 3  
11:30-12:00

## Presentations

### Management of nerve lesions in 2021

- |       |                                                                                      |            |
|-------|--------------------------------------------------------------------------------------|------------|
| 11:30 | Decompression of the suprascapular nerve in 2021                                     | L. Lafosse |
| 11:40 | Arthroscopic brachial plexus release –<br>My indication, my technique, my results    | T. Lafosse |
| 11:50 | Release and tendon transfer in the obstetrical brachial<br>plexus paralysis sequelae | Demirhan   |

Session 4  
12:00-13:00

## Presentations

### Management of scapulothoracic disorders in 2021

- |       |                                                                     |                |
|-------|---------------------------------------------------------------------|----------------|
| 12:00 | Clinical evaluation of the scapulothoracic joint                    | Elhassan       |
| 12:10 | Scapulothoracic pathologies – An overview                           | Athwal         |
| 12:20 | Snapping scapular syndrome                                          | Werthel        |
| 12:30 | Pectoralis minor syndrome                                           | Sanchez-Sotelo |
| 12:40 | Tendon transfers around the scapula                                 | Elhassan       |
| 12:50 | Scapulothoracic fusion –<br>My indication, my technique, my results | Demirhan       |

13:00

## Farewell



Scheibel



## Live & Re-Live Surgeries

### Thursday | January 7, 2021

#### All suture anchors, multiple use

January 7, 2021, 09:00-10:00



**Castagna**



**Scheibel**

- 09:00 SLAP using double loaded anchor
- 09:15 Rotator Cuff using triple loaded anchor
- 09:30 Bankart using double loaded anchor (MIBA Stitch)
- 09:45 Arthroscopic assisted Latarjet using bone cerclage fixation

#### Arthroscopic Latarjet with ENDOBUTTON™ fixation

January 7, 2021, 12:00-13:00



**Boileau**



**Lubiatowski**

#### Metal free bony reconstruction of anterior glenoid defects

January 7, 2021, 15:30-16:30



**Scheibel** | **Hachem**

- 15:30 Arthroscopic bone cerclage technique for glenoid deficiency
- 15:50 Arthroscopic assisted Latarjet using bone cerclage fixation

*Scheibel*

*Hachem*

## Re-Live Surgeries

### Friday | January 8, 2021

#### Rotator cuff repair combined with REGENETEN™ bioinductive implant

January 8, 2021, 09:00-10:00



**Scheibel** | **Taverna**

- 09:00 REGENETEN Bio-Inductive Implant – Overview, Science & Clinical Data
- 09:20 REGENETEN Surgical Technique
- 09:30 New Orleans Experience and Study Results
- 09:40 Q&A

*Taverna*

*O'Brien*

*O'Brien*

#### Superior capsular reconstruction using long head of biceps tendon

January 8, 2021, 15:00-16:00



**Boutsiadis**

## Kick-Off Symposium

### Wednesday | January 6, 2021

KOS 1

#### Kick-Off Symposium – The Shoulder Pacemaker

January 6, 2021, 19:00-20:00



**Moroder**

## Lunch Symposia

### Thursday | January 7, 2021

#### LS 1 Virtual implant positioning™

January 7, 2021, 13:15-14:15



**Parsons**

Why I use pre-operative planning?

Denard

Do different programs produce the same results and why VIP is different?

Parsons

First european experiences using VIP

Petré

#### LS 2 Mini-battle on advanced stabilization procedures

January 7, 2021, 13:15-14:15



**Calvo**

Arthroscopic bony Bankart

Sugaya

Arthroscopic bone block with ENDOBUTTON™ fixation

Taverna

Arthroscopic Latarjet – ENDOBUTTON™ fixation is a safe and reliable alternative to screw fixation

Boileau

#### LS 3 Planning your cases in shoulder surgery using the Signature ONE System

January 7, 2021, 13:15-14:15



**Verborgt**

Introduction to pre-operative planning with Signature One Planner

Verborgt

Interactive case discussion

Duquin

Verborgt

Q&A

#### LS 4 A focus on Reversed Shoulder Arthroplasty

January 7, 2021, 13:15-14:15



**Scheibel**

A Focus on Reverse Shoulder Arthroplasty  
AEQUALIS™ PERFORM™ REVERSED –  
System Rationale and Clinical Outcomes

Scheibel

Pre-operative Planning for Complex RSA Cases

Collin

#### LS 5 Medacta Shoulder System – Tailored platform for individual patient needs

January 7, 2021, 13:15-14:15



**Jost**

Design rationale and early clinical results

Hertel

MyShoulder – Planning and PSI

Müller

MyShoulder GRAB –  
Customized autologous glenoid reconstruction

Monnin

Biomechanics of RTSA –  
Best position and implant design

Zumstein

Discussion and Q&A session

Jost

## Lunch Symposia

Friday | January 8, 2021

### LS 6 Bone loss instructional course

January 8, 2021, 12:45-13:45



**Provencher**

Tips and lessons learned for dynamic anterior stabilization

**Lädemann**

What's critical glenoid bone loss in shoulder instability?

**Moroder**

New iliac crest concept avoiding the use of screws and buttons

**Hachem**

### LS 7 Shoulder injuries in high-level athletes

January 8, 2021, 12:45-13:45



**Scheibel**

Special aspects of the overhead athlete shoulder

**Wieser**

Treatment of shoulder instability in high-level athletes – Is it any different?

**Verborgt**

Shoulder injuries in gymnasts – The german experience

**Scheibel**

Shoulder injuries in gymnasts – The french experience

**Boileau**

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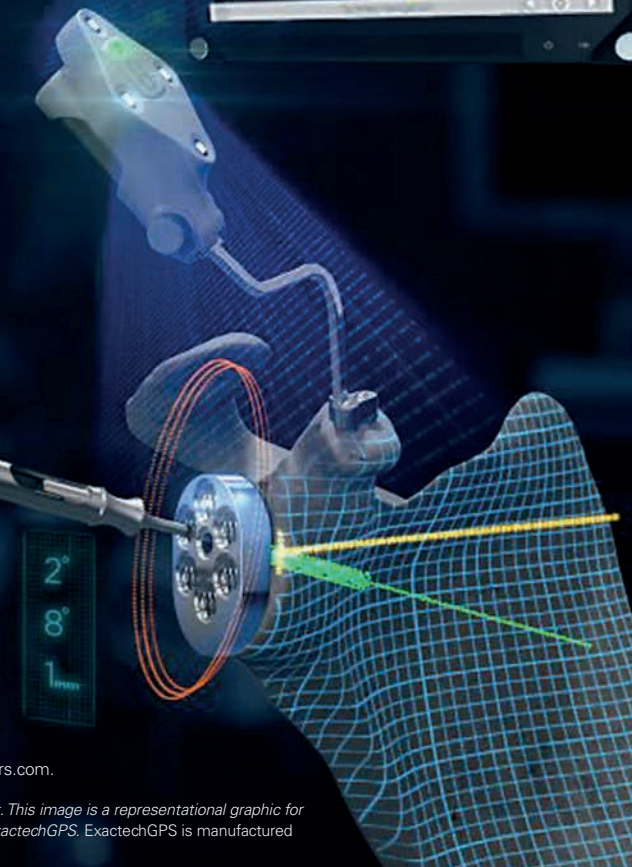
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References available on [www.EquinoxNumbers.com](http://www.EquinoxNumbers.com).

Not all devices shown are available in every market. This image is a representational graphic for illustration purposes and not an actual picture of ExactechGPS. ExactechGPS is manufactured by Blue Ortho and distributed by Exactech, Inc.



## LS 8 Arthroscopic repair of massive cuff tears

January 8, 2021, 12:45-13:45



**Boutsiadis** | **Kircher** | **Verborgt**

Hamstring tendon patch for cuff tears

Superior capsule repair with biceps

My best irreparable cuff cases

Q&A



*Kircher*

*Boutsiadis*

*Verborgt*

## LS 9 A 3D Pre-Operative Planning Solution: BLUEPRINT™ – Present and Future

January 8, 2021, 12:45-13:45



**Neyton**

Golden Rules

What is the future?



*Neyton*

*Athwal*

## LS 10 Contemporary options for managing massive cuff tears – The continuum of care

January 8, 2021, 12:45-13:45



## LS 11 Technological advancements in shoulder arthroplasty – The future is now

January 8, 2021, 12:45-13:45



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Planning evolution: the future of pre-operative technology

GPS System – Are you planning but not navigating?

How Exactech GPS has changed my practice



*Antuña*

*Yoo*

*Barco*

*Drumm*

### Biceps Symposium

## Saturday | January 9, 2021

### EBS 1 Management of biceps tendon pathologies in 2021

January 9, 2021, 07:00-08:00

### Brunch Symposia

## Saturday | January 9, 2021

### BS 1 First-time shoulder dislocation – Current concepts

January 9, 2021, 10:15-11:15



**Itoi** | **Scheibel**

First-time shoulder dislocation – Background and results of non-operative management

Immobilization in abduction and external rotation vs. arthroscopic stabilization for first-time dislocation

Glenoid fractures and anterior shoulder dislocation – Non-operative vs. surgical management

*Itoi*

*Minkus*

*Scheibel*

## BS 2 Affinis Inverse – Evolution vs. revolution

January 9, 2021, 10:15-11:15



**Reuther** 

Affinis Inverse – Addressing the challenges of the Grammont philosophy

Affinis Inverse –  
Clinical outcome based on complications

Fracture Inverse – Are there clinical advantages?



*Pap* 

*Kääb* 

*Reuther* 

## BS 3 Special cases – Need for special techniques and special implants

January 9, 2021, 10:15-11:15



**Fandridis** 

Total shoulder arthroplasty – Past, present and future

Glenoid bone loss in shoulder arthroplasty –  
What to do?

Cuff Tear Arthroplasty for the treatment of  
glenohumeral arthrosis with deficient rotator cuff

Custom implants



*Burkhead* 

*Hellmers* 

*Fandridis* 

*Papagelopoulou* 

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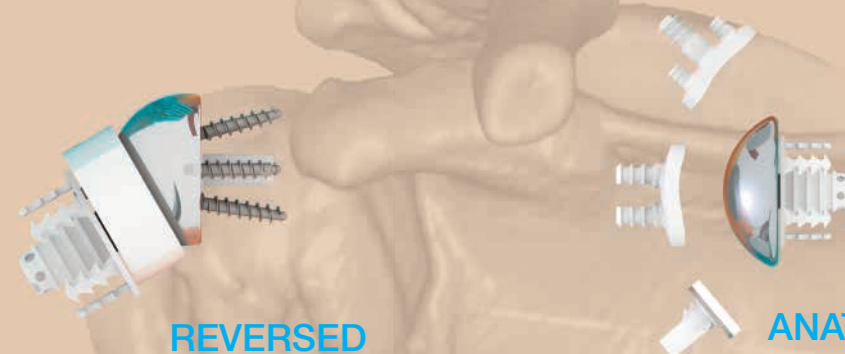


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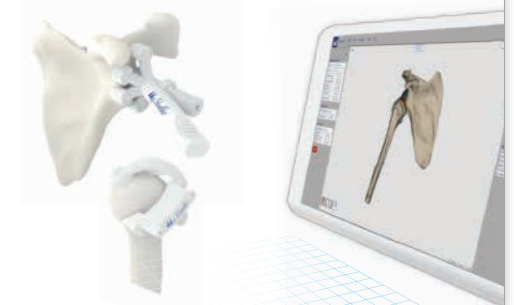
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## GENERAL INFORMATION

### Meeting Dates

January 7 – 9, 2021

### Official Language

English, simultaneous translation will not  
be provided

### Chairman

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

### Organizer and Registration

Congress Compact 2C GmbH  
Julie-Amandine Lamotte  
Joachimsthaler Strasse 10  
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### Participation Fees

#### ONLINE

Participation Fee – Wednesday	Free
Participation Fee – Thursday – Saturday	700 €* Day Ticket – Thursday
Day Ticket – Friday	350 €* Day Ticket – Saturday
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### DJO Brunch Symposium

First-time shoulder dislocation – Current concepts

**Prof. Dr. Eiji Itoi, Prof. Dr. Markus Scheibel  
and Dr. Marvin Minkus**

January 9, 2021, 10:15–11:15



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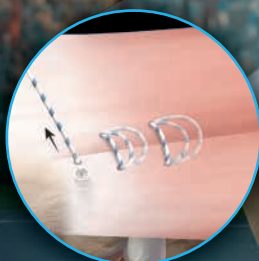
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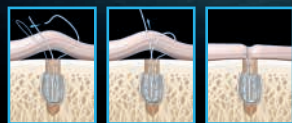
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