



BERLIN

International Shoulder Course

2021

JANUARY 7–9
BERLIN, GERMANY

Reconstructive Shoulder Surgery —
Where do we stand?

PROGRAM

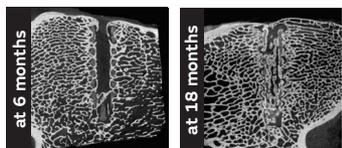
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WELCOME ADDRESS

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

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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.



| | |
|----|---|
| 1 | Welcome address |
| 4 | Information International Scientific Committee Invited Special Guest Speakers Patronage |
| 5 | Faculty |
| 8 | Schedule |
| 13 | Scientific Program |
| 13 | Wednesday, January 6, 2021 |
| 14 | Thursday, January 7, 2021 |
| 22 | Friday, January 8, 2021 |
| 30 | Saturday, January 9, 2021 |
| 36 | Live & Re-Live Surgeries |
| 38 | Lunch Symposia |
| 43 | Brunch Symposia |
| 46 | Sponsors and Exhibitors |
| 48 | General Information |

Shoulder to Shoulder

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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



FACULTY

- | | | |
|---|--|---|
|  Peter Habermeyer  |  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  |  Nina Maziak  |  Oleg Nikolaevich Milenin  |
|  Marvin Minkus  |  Christophe Monnin  |  Philipp Moroder  |
|  Marco Muraccini  |  Peter Müller  |  Lionel Neyton  |

FACULTY

- | | | |
|---|---|---|
|  Michael J. O'Brien  |  Paolo Paladini  |  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 Schröder  |  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



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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

SCHEDULE – SATURDAY | JANUARY 9, 2021

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

| |
|--|
| 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 My Experience with InSpace – The Subacromial Spacer  |
| Lunch Symposium 11 Technological advancements in shoulder arthroplasty – The future is now  |

| |
|--|
| 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  |

| |
|--|
| Registration |
| Presentations Management of AC-joint instability in 2021 |
| Re-Live Surgery Modern techniques for acute and chronic AC-joint separations |
| Presentations Management of cartilage lesions in 2021 |
| Coffee Break and Exhibition Brunch Symposia |
| Presentations Management of nerve lesions in 2021 |
| Presentations Management of scapulothoracic disorders in 2021 |
| Presentations Management of biceps tendon pathologies in 2021 |
| End of the Meeting |

08:00 - 08:50

08:50 - 09:10

09:10 - 10:10

10:10 - 11:30

11:30 - 12:00

12:00 - 13:00

13:00 - 14:00

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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**

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Prof. Dr. Alessandro Castagna

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

CONMED

PROGRAM – WEDNESDAY | JANUARY 6, 2021

Kick-Off
19:00-20:00

Kick-Off Symposium

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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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07:45-08:00

Welcome

Why are we here?



Scheibel

Session 1
08:00-09:00

Presentations

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



Scheibel | Valenti

- 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 21st 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 PASTA-Repair from an Italian chef

Session 2
10:00-10:30

Invited Special Guest Lecture



Scheibel

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



Moroder | Collin

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

Scheibel

Parsons

Moroder

L. Lafosse

Domos

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 38

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?



Scheibel | Werthel

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



Moroder | Valenti

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 Patzner
- 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



Collin | Scheibel

- 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



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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?



Collin | Scheibel

- | | | |
|-------|--|-----------|
| 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



Moroder | Valenti

- | | | |
|-------|--|----------|
| 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



Scheibel

The subscapularis –
Revival of a forgotten musculotendinous unit

Yoo



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- #DEXTER_TRAINING_MODEL
- MOTION ANALYSIS**
- #SHOWMOTION



| | | |
|--------------------|---|---|
| 12:30-14:00 | Lunch Break and Exhibition | <i>More information see page 38</i> |
| 12:45-13:45 | Lunch Symposia | |
| Lunch Symposium 6 | Bone loss instructional course | Arthrex |
| Lunch Symposium 7 | Shoulder injuries in high-level athletes | CONMED |
| Lunch Symposium 8 | Arthroscopic repair of massive cuff tears | ZIMMER BIOMET Institute* |
| Lunch Symposium 9 | A 3D Pre-Operative Planning Solution: BLUEPRINT™ – Present and Future | WRIGHT FOCUSED EXCELLENCE |
| Lunch Symposium 10 | My Experience with InSpace – The Subacromial Spacer | stryker |
| Lunch Symposium 11 | Technological advancements in shoulder arthroplasty – The future is now | Exactech <i>Surgeon focused. Patient driven.™</i> |

Session 4
14:00-15:00

Interactive Mini-Battles

Rotator cuff surgery – Open questions in 2021



Scheibel | Werthel

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

15:00 Technique for arthroscopic repair of massive cuff tears
using biceps longhead

15:20 Extended Indications

15:40 Q&A

16:00-16:30

Coffee Break and Exhibition

Session 5
16:30-18:00

Surgical Video Techniques – Tipps & Tricks

Latest technologies in arthroscopic
rotator cuff surgery



Collin | Moroder

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

Freislederer

Session 1
08:00-08:50

Presentations

Management of AC-joint instability in 2021



Moroder | Scheibel

- | | | |
|-------|--|-----------|
| 08:00 | Modern classification systems and diagnostic tools for AC-joint separations | Calvo |
| 08:10 | Prognostic factors for acute AC-joint repair | Maziak |
| 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 |

Re-Live Surgery
08:50-09:10

Re-Live Surgery

Modern techniques for acute and chronic AC-joint separations



Scheibel

Session 2
09:10-10:10

Presentations

Management of cartilage lesions in 2021



Moroder | Scheibel

- | | | |
|-------|---|-------------|
| 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 |



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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).

10:10-11:30 Coffee Break and Exhibition

10:15 - 11:15 Brunch Symposia

More information see page 41

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



Session 3
11:30-12:00

Presentations

Management of nerve lesions in 2021



Moroder | Scheibel

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

Session 4
12:00-13:00

Presentations

Management of scapulothoracic disorders in 2021



Moroder | Scheibel

- 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 – My indication, my technique, my results Demirhan

Conversion in a blink

AGILON®
The modular shoulder system

Session 5
13:00-14:00

Presentations

Management of biceps tendon pathologies in 2021



Moroder | Scheibel

- | | | |
|-------|---|------------|
| 13:00 | Biceps pathologies – Which challenges do we face in 2021? | Yoo |
| 13:10 | SLAP lesions in young athletes – Always preserve? | Lacheta |
| 13:20 | Efficacy of labral repair, biceps tenodesis or sham surgery in SLAP II lesions – Facts of a randomized controlled trial | Schröder |
| 13:30 | Arthroscopic suprapectoral biceps tenodesis – Keep it simple | Patzer |
| 13:40 | Implant free biceps loop tenodesis – The best of two worlds | Kerschbaum |
| 13:50 | All-arthroscopic proximal subpectoral biceps tenodesis – The true pain reliever | Milenin |

14:00

Farewell



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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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SATELLITE PROGRAM

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 PASTA-Repair from an Italian chef

Arthroscopic Latarjet with ENDOBUTTON™ fixation
January 7, 2021, 12:00-13:00

SmithNephew



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

SmithNephew



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

Superior capsular reconstruction using long head of biceps tendon
January 8, 2021, 15:00-16:00



Boutsiadis

- 15:00 Technique for arthroscopic repair of massive cuff tears using biceps longhead
- 15:20 Extended Indications
- 15:40 Q&A

Re-Live Surgery

Saturday | January 9, 2021

Modern techniques for acute and chronic AC-joint separations
January 9, 2021, 08:50-09:10



Scheibel

SATELLITE PROGRAM

Kick-Off Symposium

Wednesday | January 6, 2021

KOS 1 Kick-Off Symposium – The Shoulder Pacemaker January 6, 2021, 19:00-20:00



Moroder  | **Scheibel** 

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

Scheibel 

Muraccini 

Moroder 

Fiumana 

Lanz 

Scheibel 

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

Arthroscopic bone block with ENDOBUTTON™ fixation

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

Smith+Nephew

Sugaya 

Taverna 

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

Interactive case discussion

Duquin 

Verborgt 

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

Pre-operative Planning for Complex RSA Cases

Scheibel 

Collin 

SATELLITE PROGRAM

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

MyShoulder – Planning and PSI

MyShoulder GRAB –
Customized autologous glenoid reconstruction

Biomechanics of RTSA – Best position and implant design

Discussion and Q&A session

Hertel

Müller

Monnin

Zumstein

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

What's critical glenoid bone loss in shoulder instability?

New iliac crest concept avoiding the use of screws and buttons

Lädemann

Moroder

Hachem

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References available on www.EquinoxNumbers.com.

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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

LS 8 Arthroscopic repair of massive cuff tears January 8, 2021, 12:45-13:45



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

Hamstring tendon patch for cuff tears

Kircher

Superior capsule repair with biceps

Boutsiadis

My best irreparable cuff cases

Verborgt

Q&A

LS 9 A 3D Pre-Operative Planning Solution: BLUEPRINT™ – Present and Future January 8, 2021, 12:45-13:45



Neyton

Golden Rules

Neyton

What is the future?

Athwal

LS 10 My Experience with InSpace – The Subacromial Spacer January 8, 2021, 12:45-13:45



Agneskirchner

LS 11 Technological advancements in shoulder arthroplasty – The future is now January 8, 2021, 12:45-13:45



Antuña

Connecting surgeons and patients with smart solutions

Antuña

Planning evolution: the future of pre-operative technology

Yoo

GPS System – Are you planning but not navigating?

Barco

How Exactech GPS has changed my practice

Drumm

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

Itoi

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

Minkus

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

Scheibel

SATELLITE PROGRAM

BS 2 Affinis Inverse – Evolution vs. revolution
January 9, 2021, 10:15-11:15



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



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

Papagelopoulos

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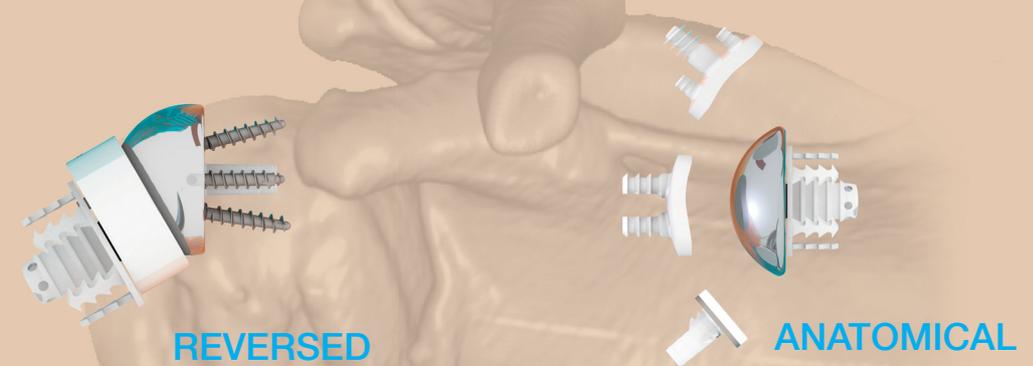
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GENERAL INFORMATION

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
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E-Mail info@berlin-shoulder-course.com

Participation Fees

ONLINE

| | |
|---|-----------------|
| Participation Fee – Wednesday | Free |
| Participation Fee – Thursday - Saturday | 700 €* <hr/> |
| Day Ticket – Thursday | 350 €* <hr/> |
| Day Ticket – Friday | 350 €* <hr/> |
| Day Ticket – Saturday | 250 €* <hr/> |

* All prices plus tax.

Participants from Eastern Europe and Asia will get a reduction of 30% of the
registration fees.



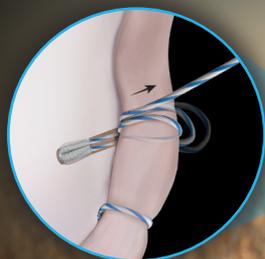
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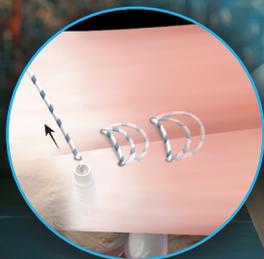
The Next Generation in Tensionable Knotless Technology



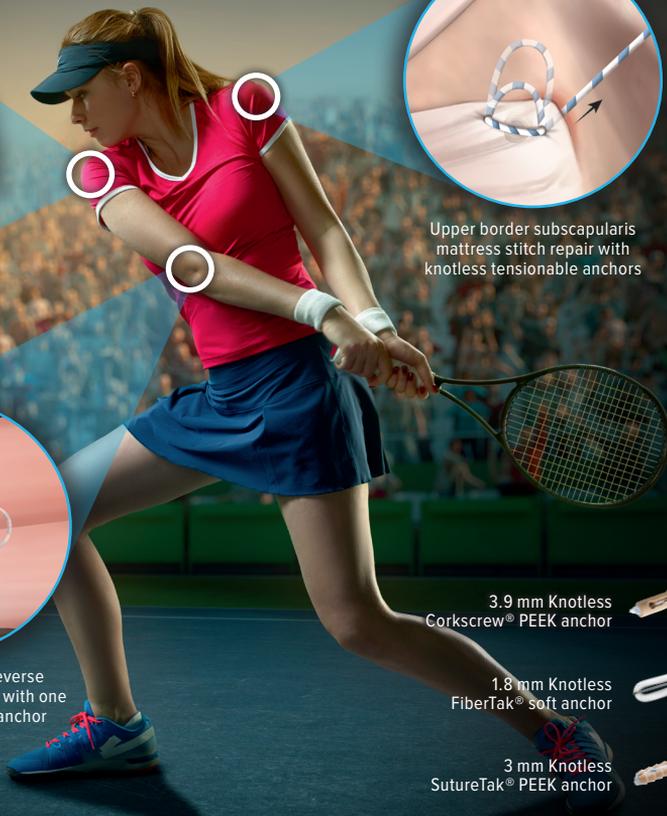
Bankart instability simple stitch repair with Knotless FiberTak® anchors



Upper border subscapularis mattress stitch repair with knotless tensionable anchors



Lateral epicondylar reverse figure-eight stitch repair with one knotless tensionable anchor



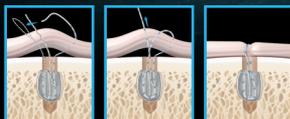
3.9 mm Knotless Corkscrew® PEEK anchor

1.8 mm Knotless FiberTak® soft anchor

3 mm Knotless SutureTak® PEEK anchor



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Knotless repairs save time compared to knotted repairs¹ and eliminate the risk of knot impingement and migration.

Reference

¹ Arthrex, Inc. CC1-00014-EN_B. Naples, FL; 2016.

Global registry validation with:

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