



MEDICAL EDUCATION

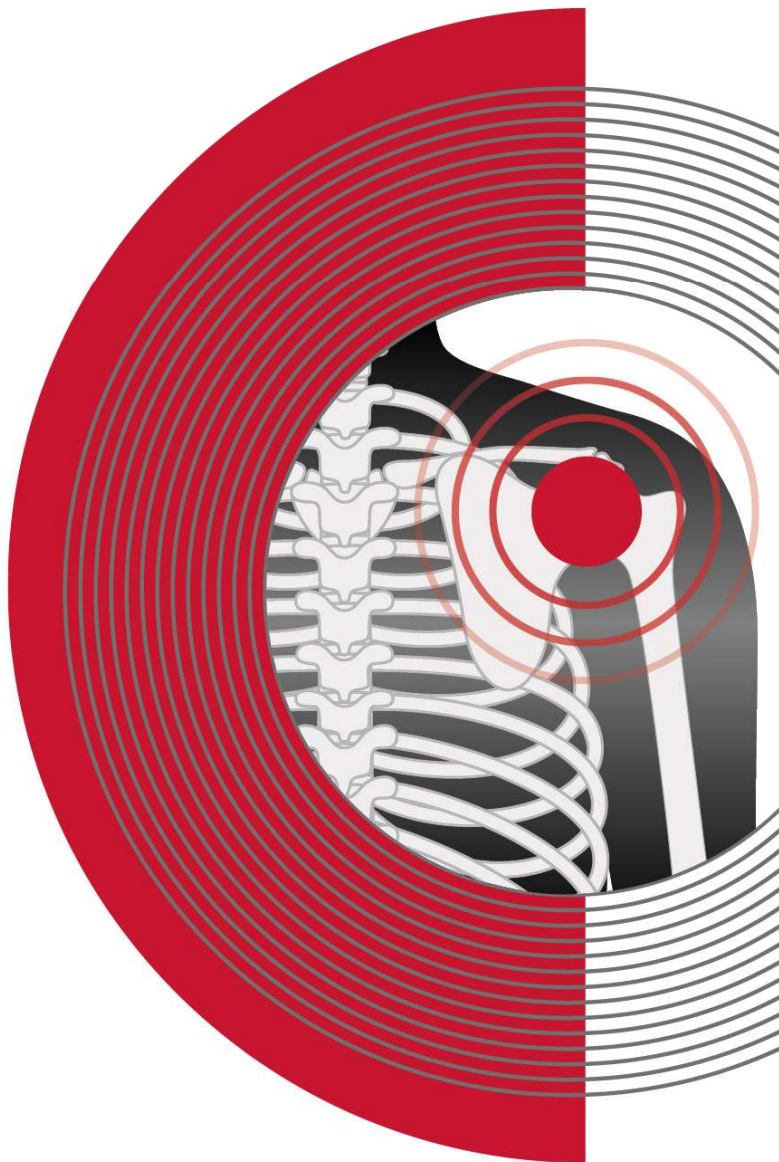
SURGICAL

MO.S.A.I.C
MOdular
Shoulder
Arthroplasty
International
Course

17-18 April 2026

**DoubleTree Hannover Schweizerhof
Hannover, Germany**

Creating Better Together™



FOREWORD TO 15th MODULAR SHOULDER ARTHROPLASTY INTERNATIONAL COURSE

On behalf of the faculty and Enovis I want to welcome you to the 15th Hannover international course on shoulder arthroplasty.

“Modularity” in shoulder arthroplasty has been evolving over the past decade with the aim to adapt the arthroplasty components to individual situations of bony and soft tissue changes. With a modular system the surgeon is given a standardized toolbox, in which system components can be separated and recombined, with the benefit of flexibility and variety in use. Moreover, challenging situations such as revisions, are facilitated by convertible, modular implant systems.

The objective of MO.S.A.I.C. (MODular Shoulder Arthroplasty International Course) is to deliver a comprehensive educational program focused on practical approaches to shoulder arthroplasty management.

Day 1 will start with a deep dive into anatomic shoulder arthroplasty (ASA) and reverse shoulder arthroplasty (RSA), with a special focus on correct indications and contraindications, as well as operative technique. Practical surgical techniques will be presented through re-live surgery presentations. Possible pitfalls and mistakes, their management, as well as the results of shoulder arthroplasty will be discussed.

In the afternoon, we will specifically focus on digital planning and fracture shoulder arthroplasty (FSA), featuring lectures and re-live surgery videos. Complications and revision procedures around shoulder arthroplasty, such as management of infection and prevention and treatment of instability, will also be covered.

The last session of Day 1 will be organized into “break-outs,” where surgeons can select and register for smaller group teaching workshops. We have selected hot topics such as glenoid reconstruction, patient-specific implants, bone-preserving implants and digital planning tools for these sessions.

Day 2 will be dedicated to live surgeries, with two live-streamed cases shown from skin incision to closure, highlighting every detail of the procedures. The first case will be a standard anatomic (stemless) prosthesis implantation. The second, more complex case, will demonstrate management of a glenoid bone defect using metallic augmentation.

The course is designed to be open and highly interactive, supported by a world-class faculty of experts with long-standing experience in shoulder arthroplasty.

A simultaneous online stream will be available for those unable to travel to Hannover.

I am optimistic that this course will be a very instructive and informative experience for all participating surgeons

Sincerely,

PD Dr. Jens Agneskirchner



Course presentation

The objective of this course is to deliver a comprehensive educational program focused on practical approaches to shoulder arthroplasty management.

The course is divided into two parts. Day 1 consists of presentations and theoretical discussions with the faculty, while Day 2 is dedicated to live streaming surgeries.

This course is addressing the needs of surgeons with shoulder surgery, looking for in-depth knowledge for total and reverse surgery.

Scientific Advisors



PD Dr. Jens Agneskirchner
go:h Gelenkchirurgie Orthopädie
Hannover, Germany

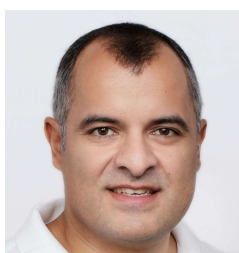


Prof. Alessandro Castagna
Humanitas Research Hospital
Rozzano, Italy

Faculty



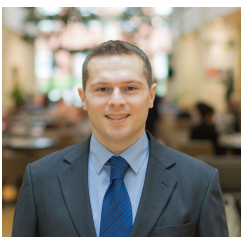
Mr. Stephen Bale
Wrightington Hospital
Wrightington, UK



Dr. Hamid Hosseini
MVZ Chirurgie und
Orthopädie im Medicinum
Hildesheim, Germany



Prof. Philip Kasten
Orthopädisch Chirurgisches
Centrum Tübingen,
Germany



Mr. Amar Malhas
The Royal Berkshire
NHS trust Hospital
Reading, UK

Friday, April 17th

The event will start at 9 am CET (UTC +1) / 4 am EDT (UTC -4) / 5 pm JST Time (UTC +9)

- 08.30 am Welcome | Agneskirchner
- 08.35 am Introduction of MO.S.A.I.C program | Agneskirchner
- Anatomic shoulder arthroplasty (ASA)**
- Indications*
- 08.45 am Pathogenesis and pathomorphology of osteoarthritis of the shoulder | Castagna
- 09.00 am Ideal indications for ASA | Kasten
- 09.15 am ASA or RSA? How do I decide? | Agneskirchner
- 09.30 am Q&A: Indications and contraindications of ASA | Moderator: Castagna
- Operative Technique*
- 09.45 am Operative Technique of ASA: exposure and soft tissue management | Malhas
- 10.00 am Re-Live Surgery: anatomic arthroplasty with stemless humerus and hybrid glenoid | Agneskirchner
- 10.15 am Glenoid: all poly, metal back or hybrid: how do I decide? | Bale
- 10.30 am Q&A: Surgical technique and glenoid options for ASA | Moderator: Castagna
- 11.00 am **Coffee break**
- Reverse shoulder arthroplasty (RSA)**
- Indications*
- 11.30 am Irreparable cuff tear and cuff tear arthropathy: classification and imaging | Castagna
- 11.45 am Preoperative functional assessment of cuff deficient shoulders | Agneskirchner
- 12.00 pm Q&A: indication for RSA | Moderator: Agneskirchner
- Operative technique*
- 12.30 pm Operative Technique of RSA: component selection and implantation | Malhas
- 12.45 pm Re-Live Surgery: Demonstration of operative technique of Standard RSA with stemmed humerus | Hosseini
- 01.00 pm **Lunch break**

The afternoon session will start at 2.00 pm CET (UTC +1) / 9.00 am EDT (UTC -4) / 10.00 pm JST Time (UTC +9)

Digital technologies

02.00 pm Panel discussion: digital planning of TSA / RSA | Agneskirchner, Bale, Castagna, Hosseini, Malhas; Moderator: Kasten

02.30 pm Q&A: digital planning | Moderator: Kasten

Fracture Shoulder arthroplasty (FSA)

02.45 pm Indication and operative technique of arthroplasty for acute proximal humeral fracture | Malhas

03.15 pm Secondary shoulder arthroplasty for fracture sequelae | Agneskirchner

03.30 pm Q&A: indication, technique of FSA | Moderator: Malhas

04.00 pm **Coffee break**

Complications and Revisions

04.30 pm Infected total shoulder: how to manage | Kasten

04.45 pm Management of the unstable RSA | Agneskirchner

05.00 pm Q&A: Complications and Revisions | Moderator: Bale

05.30 pm **The afternoon session will continue in parallel breakout sessions**

05.45 pm ***Break-out 1: Plenary - Leibniz I-III***

Complex glenoid management (Bone graft, SMR 360 and patient centric solutions) | Agneskirchner, Hosseini, Kasten

Break-out 2: Meeting Room 1 ZEIRAUM

Practical session: mastering the challenges of complex glenoid cases with patient specific implants | Bale

Break-out 3: Meeting room 2 FREIRAUM

PRIMA Short-Stem Shoulder Arthroplasty: Biomechanics, Indications and Technical Pearls | Castagna

Break-out 4: Meeting room 3 DENKART

Practical session: The importance of Pre-op Planning | Malhas

06.30 pm End of day 1

08.00 pm **Course Dinner at the Hotel Restaurant**

Saturday, April 18th

The event will start at 8.30 am CET (UTC +1) / 3.30 am EDT (UTC -4) / 4.30 pm JST Time (UTC +9)

Live Surgery 1

08.30 am Live surgery: ASA | Surgeon: Agneskirchner, Moderator: Castagna

Varia

09.30 am Results of total shoulder replacement: what do the registries tell? | Hosseini

09.45 am The painful total shoulder: how to manage? | Kasten

10.00 am Conversion of anatomic to reverse: indication and operative technique | Castagna

10.15 am Q&A: Results, management of painful total shoulders | Moderator: Hosseini

10.30 am **Coffee break**

Live Surgery 2

11.00 am Live Surgery: RSA with glenoid reconstruction | Surgeon: Agneskirchner, Moderator: Bale

12.00 pm Discussion of live surgeries | All

12.30 pm Farewell and end of day 2

12.45 pm Lunch and departure

COURSE LANGUAGE

The course will be entirely held in English

REGISTRATION ONSITE COURSE AND THE VIRTUAL COURSE

Please contact your local Enovis reference person to register. Confirmations will be sent by our Events Department.

To attend the Virtual Course, please download the **Evenium ConnexMe App** Apple Store / Google Play. You'll receive the ConnexMe event code and link in your confirmation email after registration.

Hotel & Course venue

DoubleTree Hannover Schweizerhof

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www.doubletreehannover.com

