

**SAVE THE DATE!**

# Challenges and Controversies in Shoulder Arthroplasty **2021 – Online-Live Events**



**ONLINE-LIVE EVENT**

## OVERVIEW SESSIONS

LIVE EVENT	TITLE	REGISTRATION
<b>23.03.2021</b> 07:00 pm – 08:45 pm	Session no 1 <b>Periprosthetic joint infection in shoulder arthroplasty</b>	<b>Post-live:</b> <a href="http://www.mathys233.winglet.live">www.mathys233.winglet.live</a>
<b>29.06.2021</b> 07:00 pm – 08:45 pm	Session no 2 <b>Kinematics and biomechanics of shoulder arthroplasty</b>	<b>Registration link:</b> <a href="http://www.mathys296.winglet.live">www.mathys296.winglet.live</a>
<b>28.09.2021</b> 07:00 pm – 08:45 pm	Session no 3 <b>Technology in shoulder arthroplasty: current developments</b>	<b>Registration link:</b> <a href="http://www.mathys289.winglet.live">www.mathys289.winglet.live</a>
<b>30.11.2021</b> 07:00 pm – 08:45 pm	Session no 4 <b>Challenges and possible solutions in shoulder arthroplasty</b>	<b>Registration link:</b> <a href="http://www.mathys3011.winglet.live">www.mathys3011.winglet.live</a>

**FREE REGISTRATION**

## Chairs



Prof. Andreas Niemeier  
(Hamburg)



Prof. Philip Kasten  
(Tübingen)

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**SESSION NO 2**

# Kinematics and biomechanics of shoulder arthroplasty

**29.06.2021, 07:00 pm – 08:45 pm**



**ONLINE-LIVE EVENT**



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# Agenda

## SESSION 2

KINEMATICS AND BIOMECHANICS  
OF SHOULDER ARTHROPLASTY  
29.06.2021, 07:00 PM – 08:45 PM

### Introduction

Kasten (DE)

**Reverse TSA – Impact of humeral and glenoid parameters on kinematics and biomechanics of the shoulder**

Müller (CH)

**Reverse TSA – Stemless, short or long stem? Biomechanical considerations regarding risk of loosening**

Kretzer (DE)

**Anatomic TSA – Impact of glenoid positioning on long term outcome in TSA**

Gregory (FR)

**Summary and discussion**

Niemeier (DE)

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## Chairs

## Faculty



Ph. Kasten



A. Niemeier



A. Müller



Ph. Kretzer



Th. Gregory

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**SESSION NO 3**

Technology in shoulder arthroplasty:  
current developments

**28.09.2021, 07:00 pm – 08:45 pm**



**ONLINE-LIVE EVENT**



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# Agenda

## SESSION 3

TECHNOLOGY IN SHOULDER ARTHRO-  
PLASTY: CURRENT DEVELOPMENTS  
28.09.2021, 07:00 PM – 08:45 PM

### Introduction

Kasten (DE)

aTSA and rTSA tribology: PE on humeral or the glenoid side? What is the role of ceramics?

Kurtz (US)

Management of glenoid defects with computer assisted implantation:  
will PSI and navigation bring clinical benefits?

Wieser (CH)

Humeral revisions surgery: how to deal with bony defects?

Gohlke (DE)

### Summary and discussion

Niemeier (DE)

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## Chairs

## Faculty



Ph. Kasten



A. Niemeier



St. Kurtz



K. Wieser



F. Gohlke

**CME CREDIT COUPON** AVAILABLE FROM YOUR LOCAL MATHYS REPRESENTATIVE

**SESSION NO 4**

Challenges and possible solutions  
in shoulder arthroplasty

**30.11.2021, 07:00 pm – 08:45 pm**

**ONLINE-LIVE EVENT**



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# Agenda

## SESSION 4

CHALLENGES AND POSSIBLE  
SOLUTIONS IN SHOULDER  
ARTHROPLASTY  
**30.11.2021, 07:00 PM – 08:45 PM**

<b>Introduction</b>	Niemeier (DE)
<b>Bone grafting of glenoid defects. New revision metaglène design. (Re-Live surgery video)</b>	Reuther (DE)
<b>Shoulder Arthroplasty– the role of artificial intelligence and new technologies</b>	Kenny (AU)
<b>Glenoid looseing in aTSA. Is cementless PE a solution? (Re-Live surgery video)</b>	Bokor (AU)
<b>Summary and discussion</b>	Kasten (DE)

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## Chairs

## Faculty



A. Niemeier



Ph. Kasten



F. Reuther



B. Kenny



D. Bokor

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# Agenda

## Session 1 – Periprosthetic joint infection in shoulder arthroplasty

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Introduction	Niemeier (DE)
Pathogenesis and diagnostics of shoulder PJI. What is different from hip and knee?	Trampuz (DE)
Daily challenges in shoulder PJI: case based discussions	Agneskirchner (DE)
Early and late PJI of the shoulder: treatment options including literature update	Williams (US)
Summary and discussion	Kasten (DE)

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## Session 2 – Kinematics and biomechanics of shoulder arthroplasty

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Introduction	Kasten (DE)
Reverse TSA – impact of humeral retroversion, inclination and laterisation on kinematics and biomechanics	Müller (CH)
Reverse TSA – stemless, short or long stem? Biomechanical considerations regarding risk of loosening	Kretzer (DE)
Anatomic TSA – what needs to be done to avoid glenoid loosening?	Gregory (FR)
Summary and discussion	Niemeier (DE)

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## Session 3 – Technology in shoulder arthroplasty: current developments

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Introduction	Kasten (DE)
aTSA and rTSA tribology: PE on humeral or the glenoid side? What is the role of ceramics?	Kurtz (US)
Management of glenoid defects with computer assisted implantation: will PSI and navigation bring clinical benefits?	Wieser (CH)
Humeral revisions surgery: how to deal with bony defects?	Gohlke (DE)
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## Session 4 – Challenges and possible solutions in shoulder arthroplasty

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Introduction	Niemeier (DE)
Bone grafting of glenoid defects. New revision metaglene design. (Re-Live surgery video)	Reuther (DE)
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Glenoid loosening in aTSA. Is cementless PE a solution? (Re-Live surgery video)	Bokor (AU)
Summary and discussion	Kasten (DE)

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# Chairs



**Philip Kasten, Prof. MD**

Specialist in Orthopaedic and Trauma Surgery  
Division of Shoulder and Elbow Surgery  
Orthopaedic Surgical Center (OCC) Tübingen  
Professor of Orthopaedics, University of  
Heidelberg, Germany



**Andreas Niemeier, Prof. MD**

Specialist in Orthopaedics and Traumatology  
Chief, Department of Orthopaedic Surgery,  
Krankenhaus Reinbek, Germany  
Professor of Orthopaedics, University Medical  
Center Hamburg-Eppendorf, Germany

# Faculty

## SESSION NO 1

PERIPROSTHETIC JOINT INFECTION  
IN SHOULDER ARTHROPLASTY  
**23.03.2021, 07:00 PM – 08:45 PM**



**Andrej Trampuz, MD, Ass. Prof**

Head, Interdisciplinary Septic Surgical Unit  
Infectious Diseases Consultant  
Charité – Universitätsmedizin Berlin  
Berlin



**Jens D. Agneskirchner, MD, PhD**

Independent head of go:h  
Specialist in orthopedics and trauma surgery  
Gelenkchirurgie Orthopädie: Hannover (go:h)  
Germany



**Gerald R. Williams, Jr., MD, Prof, FAAOS**

The John M. Fenlin, Jr., MD Professor of Shoulder and Elbow  
Surgery, Department of Orthopaedic Surgery,  
Rothman Orthopaedics, The Sidney Kimmel Medical College  
at Thomas Jefferson University, Co-Chief Division  
of Orthopaedic Surgery, Department of Surgery  
of Mainline Health System

# Faculty

## SESSION NO 2

KINEMATICS AND BIOMECHANICS  
OF SHOULDER ARTHROPLASTY  
**29.06.2021, 07:00 PM – 08:45 PM**



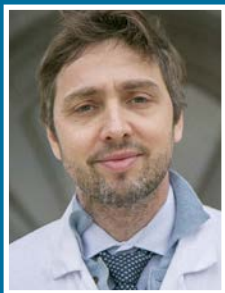
**Andreas Marc Müller, MD, Prof**

Deputy Head of Department for Orthopedics  
and Traumatology  
University Basel  
Switzerland



**J. Philippe Kretzer, Prof, PhD**

Research Director Laboratory of Biomechanics  
and Implant Research  
Clinic for Orthopedics and Trauma Surgery,  
Heidelberg University Hospital  
Germany



**Thomas Gregory, MD, Prof, PhD**

Head of Department for Orthopedics and Traumatology  
Avicenne Teaching Hospital, Assistance Publique-Hôpitaux de Paris,  
University Sorbonne Paris Nord  
France

# Faculty

## SESSION NO 3

TECHNOLOGY IN SHOULDER ARTHRO-  
PLASTY: CURRENT DEVELOPMENTS  
**28.09.2021, 07:00 PM – 08:45 PM**



**Steven M. Kurtz, Prof, PhD**

Director of the Implant Research Center  
Drexel University's School of Biomedical Engineering,  
Science, and Health Systems  
USA



**Karl Wieser, MD, Ass. Prof**

Head of Shoulder and Elbow Surgery  
University Hospital Balgrist  
Switzerland



**Frank Gohlke, MD, Prof**

Head Department Shoulder and Elbow Surgery  
Klinik für Orthopädie, Unfallchirurgie, Schulterchirurgie  
und Endoprothetik  
Rhön Klinikum Campus Bad Neustadt  
Germany

# Faculty

## SESSION NO 4

CHALLENGES AND POSSIBLE  
SOLUTIONS IN SHOULDER  
ARTHROPLASTY  
**30.11.2021, 07:00 PM – 08:45 PM**



**Reuther Falk, MD**

Chief Physician for Traumatology and Orthopaedics  
DRK Hospital Berlin Koepenick  
Berlin, Germany



**Benjamin Kenny, MD, FRACS**

Orthopaedic Surgeon – Subspecialty Shoulder Surgeon  
Co-Founder and Director Precision AI LTD.  
Greenslopes Hospital – Brisbane  
Ipswich Hospital – Ipswich  
Australia



**Desmond Bokor, MD, Prof, FRACS**

Professor of Orthopaedic Surgery  
Macquarie University Hospital and the Sydney  
Adventist Hospital  
Australia

# Free registration

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2. Create a new account with your personal data on the top right of the Winglet platform («**SIGNUP**») or log in to your existing account («**LOGIN**»)
3. Register for the free event via the button «**Get Ticket**»
4. Complete your profile data and confirm registration
5. You will receive an email confirmation and have instant access to the online live center. You will also see the confirmation of your successful registration «You're in» at the top right of the live center





# CME quiz

The CME quiz will be activated on the day of the live broadcast. After watching the event, you will be able to access the CME quiz in the live center under the section «Get Certified» and complete it within 12 months as follows:

- 1.** Place the quiz in the shopping cart (button «Purchase Quiz» (€49) or free Coupon Code **CME@Mathys2021**)
- 2.** Enter your coupon code at the beginning of the booking process. The code is applied automatically, the confirmation will be shown directly above the entry field.
- 3.** Complete the order process free of charge and call up the quiz
- 4.** Upon successful completion of the evaluation, your personalised certificate of attendance will be sent to you via email and also be available for download in your profile on the Winglet platform.



CHALLENGES AND CONTROVERSIES  
IN SHOULDER ARTHROPLASTY  
2021 ONLINE-LIVE EVENTS

*Preservation in motion*

*Preservation in motion*



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