



Berlin Convention 2022

INNOVATION

in Knee Arthroplasty

PROGRAM

June 17 – 18, 2022

Meliá Berlin | Germany

on site or via livestream

www.berlinconvention.com

LADIES AND GENTLEMEN,

recent years have seen numerous innovations in knee arthroplasty. Often, these innovations are derived from technologies developed elsewhere but hold the potential to open new doors for medical research and practice. Alongside any innovation, one should always reflect on how medicine knows, attunes to, interacts with and shapes patients, injuries, or diseases. This will be the focus of the upcoming meeting, where we will discuss the most recent technology introduced in arthroplasty.

While there is scope for improvement in our clinical work, we should be aware that such improvement does not rely solely on surgery. Innovations in arthroplasty offer a more individualized approach and increased accuracy in our surgical performance. More personalized arthroplasty might be the key to improving outcomes and making our patients happier.

We encourage everybody to join the discussion about innovations in knee arthroplasty. Berlin is always a city worthwhile to visit during spring.

We are looking forward to seeing you.




Roland Becker, MD Prof.
Scientific Chairman


09.00 – 09.15 Welcome


SESSION 1**RESPECTING THE ANATOMY OF THE KNEE**


09.15 – 10.45 **Chairs: S.Oussedi** 
P. Randelli 


10' Phenotype – the individuality of our knee
M. Hirschmann 

10' Gap sizing in osteoarthritic knees
H. Graichen 

10' Soft tissue envelope of the knee
R. Becker 

10' What should come first in TKA –
Bone or Ligaments?
J. Romero 

10' How precise can we preserve the
anatomy of the knee?
A. Halder 

10' What is the impact of component sizing
on clinical outcome?
M. Bonnin 




30' Discussion

10.45 – 11.15 Break

SESSION 2**PSI / PSA IN TOTAL KNEE ARTHROPLASTY**

11.15 – 12.30 **Chairs: A. Halder** 
J. Romero 






10' PSI and the constitutional alignment
M. Bonnin 

- 10' PSI – how much precision can we expect?
P. Randelli 
- 15' PSA – how much individuality do we need?
W. Fitz 
- 15' Patient specific arthroplasty – what have we learned and where to go?
A. Steinert 
- 20' Discussion
- 12.30 – 14.00 Lunchbreak

SESSION 3

ROBOTIC IN TKA – WHY AM I DOING THIS?

14.00 – 16.30 Chairs: M. Hirschmann 
R. Becker 

- 15' Rosa® – Zimmer Biomet
F. Benazzo 
- 15' NAVIO® – Smith+Nephew & Brain lab
S. Lustig 
- 15' Omnibotic – Corin
J. Romero 
- 15' Mako SmartRobotics™ – Stryker
S. Oussedi 
- 15' Velys® – DePuy Synthes
D. Barrett 
- 75' Discussion
- 16.30 – 17.00 Break

SESSION 4

WHAT ALIGNMENT PHILOSOPHY WILL BE THE KEY FOR THE KNEE?

17.00 – 18.45 Chairs: D. Barrett 
A. Niermeier 

- 15' Mechanical alignment
R. Tandogan 
- 15' Anatomical alignment
H. Graichen 
- 15' Functional alignment
R. Becker 
- 15' Kinematic alignment
C. Rivière 
- 15' Individual alignment
W. Fitz 
- 25' Discussion
- 18.45 End of the first day**

SESSION 1

SURGICAL PLANNING OF A DIFFICULT CASE

09.00 – 10.00 Chairs: H. Graichen 
R. Becker 

10.00 – 10.30 Break

SESSION 2

IMPLEMENTATION OF NEW INNOVATION IN TOTAL KNEE ARTHROPLASTY OR

10.30 – 12.00 Chairs: F. Benazzo 
C. Rivière 

15' How did I implement robotic surgery in my OR setting?

N. Kort 

15' Innovation and efficiency in the OR – better – faster – cheaper?

M. Hirschmann 

15' What does fast track of the future means?

U. Nöth 

15' Mindset changes – from the bone to the screen

R. Tandogan 

20' Discussion

12.00 – 13.00 Break

SESSION 3

EVIDENCE AND FACTS IN KNEE ARTHROPLASTY

13.00 – 14.30 Chairs: S. Lustig 
R. Tandogan 

12' What is evident in PSI?

A. Steinert 

12' What is evident in robotic assisted surgery?

S. Lustig 

12' What does the registries tell us?

A. Niemeier 

12' How does novel technology goes in line with economical constrains?

U. Nöth 

12' Data performance analytics is the way to go

N. Kort 

25' Discussion

SESSION 4

AUGMENTED REALITY AND ARTIFICIAL INTELLIGENCE IN TOTAL KNEE ARTHROPLASTY – THE NEXT STEP?

14.30 – 15.50 **Chairs:** M. Bonnin  
A. Niemeier 

- 15' Augmented reality in medicine
H.-M. Klein 
- 15' Is Augmented reality operative technique for the future?
D. Jeremic 
- 15' Experiences in using augmented reality for TKA
P. Van Overschelde 
- 15' Artificial intelligence is worth to be considered
F. Benazzo 
- 20' Discussion
- 15.50 **Farewell**
- 16.00 **End of the meeting**

Barrett, David MD, Prof.
Southampton, United Kingdom

Benazzo, Francesco, MD, Prof.
Brescia, Italy

Becker, Roland, MD, Prof.
Brandenburg, Germany

Bonnin, Michel, MD, Prof.
Lyon, France

Fitz, Wolfgang, MD
Boston, USA

Graichen, Heiko, MD, Prof.
Schwandorf, Germany

Halder, Andreas, MD, Prof.
Sommerfeld/Kremmen, Germany

Hirschmann, Michael, MD, Prof.
Liestal, Switzerland

Jeremic, Dragan, MD
Brakel, Germany

Klein, Hans-Martin, MD, Prof.
Burbach, Germany

Kort, Nanne, MD, Prof.
Schijndel, Netherlands

Lustig, Sebastian, MD, Prof.
Lyon, France

Niermeier, Andreas, MD, Prof.

Reinbek, Germany

Nöth, Ulrich, MD, Prof.

Berlin, Germany

Oussedik, Sam MD

London, United Kingdom

Randelli, Pietro,**MD Prof.**

Milan, Italy

Rivière, Charles, MD, Prof.

Bordeaux, France

Romero, Jose, MD, Prof.

Zürich, Switzerland

Tandogan, Reha, MD, Prof.

Ankara, Turkey

Van Overschelde, Philippe, MD

Ghent, Belgium

SCIENTIFIC CHAIRMAN**Roland Becker, MD Prof.**

Center of Joint replacement
University of Brandenburg Theodor Fontane
Hochstrasse 29
14770 Brandenburg an der Havel, Germany

MEETING DATES

June 17 – 18, 2022

MEETING LOCATION

Meliá Berlin
Friedrichstrasse 103
10117 Berlin, Germany

PATRONAGE

German Knee Society (DKG)

European Society for Sports Traumatology,
Knee Surgery and Arthroscopy (ESSKA)

German Society for endoprosthesis (AE)

MEDTECH EUROPE

The approval of the MedTech Europe has been
requested.

CME POINTS – CERTIFICATION

The certification of this event is applied at the
Medical Association of Berlin.

ORGANIZER AND REGISTRATION

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Please use the online form under: www.berlinconvention.com or return the registration form by fax +49 30 887273 710

Mr. Mrs. Prof. Dr.

Last Name, First Name	
Institution	
Adress	
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E-Mail	

PARTICIPATION FEE

REGISTRATION		
<input type="checkbox"/>	Participant ON SITE	400 €
<input type="checkbox"/>	Resident ON SITE	250 €
<input type="checkbox"/>	Participation LIVESTREAM	150 €

City, Date, Signature

Terms of cancellation

By a cancellation until April 17th, 2022, a cancellation fee of 30 € will be retained. Until May 17th, 2022, 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.