



Berlin Convention 2022

INNOVATION

in Knee Arthroplasty

PROGRAM

June 17 – 18, 2022

Meliá Berlin | Germany

www.berlinconvention.com



Invitation

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


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09.00 – 09.15 Welcome


SESSION 1


RESPECTING THE ANATOMY OF THE KNEE


09.15 – 11.00 Chairs: F. Haddad 
A. Steinert 


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 


11.00 – 11.30 Break

SESSION 2

PSI / PSA IN TOTAL KNEE ARTHROPLASTY


11.30 – 12.45 Chairs: A. Niemeier 
J. Romero 

10' PSI and the constitutional alignment
M. Bonnin 

10' PSI after 10 years of experience
C. Tibesku 

10' PSA – how much individuality do we
need?

W. Fitz 


15' Patient specific arthroplasty –
what have we learned and where to go?
A. Steinert 

12.45 – 14.15 Lunchbreak

SESSION 3

ROBOTIC IN TKA – WHY AM I DOING THIS?

14.15 – 16.45 Chairs: R. Becker 
M. Hirschmann 

8' Rosa® – Zimmer Biomet
F. Benazzo 

8' NAVIO® – Smith+Nephew & Brain lab
S. Lustig 

8' Omnibotic – Corin
J. Romero 

8' Mako SmartRobotics™ – Stryker
F. Haddad 

8' Velys® – DePuy Synthes
D. Barrett 


16.45 – 17.15 Break

SESSION 4

WHAT ALIGNMENT PHILOSOPHY WILL BE THE KEY FOR THE KNEE?

17.15 – 18.45 Chairs: D. Barrett 
C. Tibesku 

15' Mechanical alignment
R. Tandoğan 

15' Anatomical alignment
A. Steinert 

15' Functional alignment
R. Becker 

15' Kinematic alignment
C. Rivière 

15' Individual alignment
W. Fitz 

18.45 End of the first day

SESSION 1


SURGICAL PLANNING OF A DIFFICULT CASE


09.00 – 10.00 Chairs: R. Becker 
H. Graichen 


SESSION 2


IMPLEMENTATION OF NEW INNOVATION IN TOTAL KNEE ARTHROPLASTY OR

10.30 – 12.00 Chairs: F. Benazzo 
A. Halder 

10' How did I implement robotic surgery in my OR setting?
N. Kort 

10' Innovation in 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. Tandoğan 

12.00 – 13.00 Break

SESSION 3

EVIDENCE AND FACTS IN KNEE ARTHROPLASTY

13.00 – 15.00 Chairs: S. Lustig 

R. Tandoğan 

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 constraints?

U. Nöth 

12' Data performance analytics is the way to go

N. Kort 

SESSION 4

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

15.00 – 15.45 Chairs: M. Bonnin 

A. Niemeier 

15' Augmented reality in medicine

H.-M. Klein

15' Experiences in using augmented reality for TKA

P. Van Overschelde

15' Artificial intelligence is worth to be considered

F. Benazzo 

15' Augmented reality to potential technique for the future

N.N.

15.45 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

Haddad, Fares, MD, Prof.

London, United Kingdom

Halder, Andreas, MD, Prof.

Sommerfeld/Kremmen, Germany

Hirschmann, Michael, MD, Prof.

Liestal, Switzerland

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

Rivière, Charles, MD, Prof.

Bordeaux, France

Romero, Jose, MD, Prof.

Zürich, Switzerland

Tandogan, Reha, MD, Prof.

Ankara, Turkey

Tibesku, Carsten, MD, Prof.

Straubingen, Germany

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

OFFICIAL LANGUAGE

English

MEDTECH EUROPE

The approval of the MedTech Europe has been requested.

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	
Address	
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ZIP Code, City	
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E-Mail	

PARTICIPATION FEE

REGISTRATION		before March 17, 2022	after March 17, 2022
<input type="checkbox"/>	Participant	350 €	400 €
<input type="checkbox"/>	Resident	200 €	250 €

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.

The background of the entire image is a solid blue color. Overlaid on this background is a complex, abstract network pattern. This pattern consists of numerous small, light-blue dots of varying sizes, some of which are connected by thin, light-blue lines. The connections form a web-like structure that is denser in some areas and sparser in others, creating a sense of interconnectedness and movement. The overall effect is a modern, technological, and digital aesthetic.

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