



MASTERCLASS

Knee

Advancing personalized knee care
together

Cape Town Marriott Hotel Crystal Towers
Cape Town, South Africa
16th - 17th April 2025



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Institute®

Masterclass

Zimmer Biomet Institute® provides a wide range of educational experiences to healthcare professionals so you can learn, interact, understand and share knowledge about Zimmer Biomet products, services, techniques and technologies through different modalities.

We know you are committed to your field of expertise and we know you want to continue to improve. Through Zimmer Biomet Institute courses, you will gain problem-solving insights and develop your skills.

The specific course objectives include:

- Formulate how to enhance patient care and outcomes across the continuum of care from compartmental to primary to revision knee.
- Define the guiding principles for the ROSA® Knee System and understand the role of technologies in pre-, intra-, and post-operative phases of knee replacement surgeries.
- Discuss and share best practices with peers and faculty to embed advanced technology in personalized knee replacement practices.

The Zimmer Biomet Institute® wishes you a valuable and enjoyable training with us.

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Programme

Wednesday, 16 April 2025

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09:00 *Course registration*

10:00 *Welcome and introduction*

ZBI Staff

Session I: Partial Knees the first step in personalizing knee replacement

A. Troelsen

10:10 Survey result

10:15 Faculty Panel: where are we today?

All

10:30 Why you should offer uni to your patients

A. Troelsen

10:45 My experience growing my PKA practice with Oxford

A. Kuhn

11:00 My experience growing my PKA practice with PPK

D. Vermaak

11:15 Registry data PKA vs TKA

F. Benazzo

11:25 What are the barriers to increasing uni practice?

A. Troelsen

11:40 Technology in PKA: evolution of trends and early experience with ROSA PKA

J. Petterwood

11:55 Q&A - Discussion

12:10 Words of wisdom

A. Troelsen

12:15 *Coffee break*

Session II: Trying to achieve better TKAs

A. Kuhn

12:45 Survey result

12:50 Faculty Panel: How do you define success in TKA? How do we achieve it?

All

Session IIa: Achieving better TKA through implant design & selection

13:05 Comparing designs in clinical experience: CR to MC

A. Troelsen

13:15 Discussion

13:25 Comparing designs in clinical experience: PS to MC

F. Benazzo

13:35 Discussion

13:45 *Lunch*

Session IIb: Optimizing TKA Alignment

14:45 How did we get here? The story of alignments

F. Benazzo

15:00 How to achieve the holy grail - where to from here?

All

15:10 Q&A - Discussion

15:25 Words of wisdom

A. Kuhn

Session III: Further optimizing TKA

A. Troelsen

15:30 Survey result

15:35 Faculty Panel: Redefining patient care in the era of robotic surgery

All

15:45 Enhancing accuracy through landmarking

16:00 My journey with personalized knee care advancing intraoperative experience with ROSA knee system

D. Vermaak

F. Benazzo

16:15 Faculty panel discussion: Surgical tips on robotic surgery

All

16:30 Achieving better TKA through:

- ROSA Knee getting consistent with qualitative data

F. Benazzo

- Driving patient engagement with mymobility

A. Kuhn

17:00 Q&A - Discussion

17:15 Words of wisdom

A. Troelsen

17:20 *Coffee break*

Session IV: Optimizing complex primary knee arthroplasty

F. Benazzo

17:50 Surgeons' nightmares

D. Vermaak

18:00 How to handle approach and retained hardware

A. Kuhn

18:10 My experience in conversion of Unis to Totals

A. Troelsen

18:25 Hyperextension: surgical solutions and implant choice

D. Vermaak

18:40 Q&A - Discussion

18:55 Words of wisdom

F. Benazzo

19:00 *End of 1st day*

20:00 *Course dinner*

Thursday, 17 April 2025

Marriott Crystal Towers

Session V: Challenge the expert

A. Troelsen

08:30	Case 1: Managing instability in TKA	A. Kuhn
	Case 2: Solving stiffness	D. Vermaak
	Case 3: Dealing with severe bone defects	F. Benazzo

09:30 Coffee break

Session VI: Optimizing revision knee arthroplasty

F. Benazzo

10:00	Survey result	
10:05	Investigate the painful TKA	A. Troelsen
10:15	Structure your pre-operative planning	F. Benazzo
10:30	Choose the right implant and constraint	D. Vermaak
10:40	Simplify your surgical technique with zonal fixation for standard revision cases	A. Kuhn
10:55	My experience with personalized knee replacement in revisions	D. Vermaak
11:10	Bring any revision case you would like to discuss	Case Presenter
11:35	Q&A - Discussion	
11:50	Words of wisdom	F. Benazzo

Session VII: Fighting against infection: the biggest challenge in orthopedics today

D. Vermaak

11:55	The global burden of PJI	A. Kuhn
12:05	Multidisciplinary approach to PJI	D. Vermaak
12:20	DAIR: a difficult case discussion	A. Kuhn
12:35	1 Stage Revision: When and why? What's the evidence?	A. Troelsen
12:50	2 Stage Revision: When and why? What's the evidence?	F. Benazzo
13:05	Q&A - Discussion	
13:20	Words of wisdom	D. Vermaak

13:30 Lunch & departure

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