



# **MASTERCLASS**

Hip

## Advanced Personalisation in Total Hip Arthroplasty

Leonardo Royal Hotel  
Amsterdam, Netherlands  
22<sup>nd</sup> & 23<sup>rd</sup> October 2024



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## Masterclass

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The specific course objectives include:

- Understand the key issues affecting patient outcomes in 2024
- Develop a clearer comprehension of the whole patient in order to personalise their experience
- Gain a clearer understanding of risks and how to mitigate against them
- Understand the options for use of enabling technology, pre, peri and post operatively
- Determine how data can affect the patient journey today and into the future in your practice

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

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# Programme

Tuesday 22<sup>nd</sup> October 2024

## Arrival

12:00 *Welcome lunch*

13:00 *Welcome and introduction*

ZBI

13:05 Why are we here

A. Troelsen

## What keeps me awake at night?

S. Vehmeijer

13:15 Why are some hip patients unhappy?

L. Zagra

13:23 Discussion

All

13:30 What are the main reasons for a failed hip: early vs late?

A. Liddle

13:38 Discussion

All

13:45 What is the role of implant selection and positioning on outcomes?

G. Davis

13:53 Discussion

All

14:00 Summary - What are we solving for?

S. Vehmeijer

## Understanding the patient

A. Troelsen

14:10 Understanding, educating and optimising the whole patient better

M. Vanderkerckhove

14:18 First better, then faster

J. Fernández-Valencia

14:26 Our experience with enhanced patient preparation & education

U. Nöth

14:34 Discussion

All

14:45 Words of Wisdom

A. Troelsen

14:50 *Coffee Break*

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## Managing risk in practice (Part 1)

S. Vehmeijer

15:10	Pre-operative planning	M. Vanderkerckhove
15:18	Understanding hip instability: risks and mitigation	G. Davis
15:26	Picking the right implant for the patient - my algorithm	L. Zagra
15:34	Complex primary cases, things to take into account when planning	A. Liddle
15:40	Discussion	All
15:55	Words of Wisdom	S. Vehmeijer

## Managing risk in practice (Part 2)

A. Troelsen

16:00	Does approach matter, what does the data tell us?	M. Vanderkerckhove
16:08	Infection risk analysis, an MDT approach	L. Zagra
16:16	Understanding the value of Robotics & MR	G. Davis
16:24	How I organize my OR to drive outcome, efficiency and experience	J. Fernández-Valencia
16:32	Discussion	All
16:45	Words of Wisdom	A. Troelsen

## Day 1 Summary

S. Vehmeijer & A. Troelsen

17:00 *Day 1 Close*

19:30 *Course Dinner*

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## Wednesday 23<sup>rd</sup> October

### Welcome and recap of Day 1

S. Vehmeijer

### Personalising Surgery in the OR

A Troelsen

- 08:35 How has technology helped me to optimise the patient journey?  
- Pre-op - One Planner Hip - Tips and learning pearls  
- Optimising the OR layout with ROSA  
- Optimising the Acetabulum with ROSA  
- Tools that can facilitate the procedure  
- Optimising femoral preparation with ROSA  
- Post-op & follow up
- 09:35 Words of Wisdom

G. Davis

Panelists: S. Vehmeijer, U. Nöth

A. Troelsen

### Case Discussions

S. Vehmeijer

- 09:40 Case 1 - Complex hip/spine case  
09:46 Case 2 - Physiologically active patient  
09:52 Case 3 - Dysplastic patient  
09:58 Round table discussions  
10:15 Case feedback and solutions

L. Zagra

J. Fernández-Valencia

A. Liddle

All

All

10:40 *Coffee Break*

### Technology in recovery

A. Troelsen

- 11:10 Rapid recovery - what changes post-operatively?  
11:18 How have patient engagement apps changed the patients post-op experience?  
11:26 How could you foresee deeper data improving surgical efficiency and patient outcomes?  
11:34 Discussion

S. Vehmeijer

U. Nöth

J. Fernández-Valencia

All

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## Bringing it all together

A. Troelsen & S. Vehmeijer

- |       |  |                       |
|-------|--|-----------------------|
| 11:44 | How can we optimize the percentage of happy patients after THA?              | J. Fernández-Valencia |
| 11:54 | How can we decrease the risk of early and late failure after THA?            | A. Liddle             |
| 12:04 | Which femoral stem is optimal for which patient?                             | U. Nöth               |
| 12:14 | Which cup and bearing is optimal and for which patient?                      | M. Vanderkerckhove    |
| 12:24 | Which implant position is optimal?   | L. Zagra              |
| 12:34 | How can technology help us to improve implant position and optimize recovery | G. Davis              |

## Closing and final remarks

A. Troelsen & S. Vehmeijer

13:00 *Lunch and departures*

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## Moderators

**Prof. Anders Troelsen**  
Copenhagen, Denmark

**Dr. Stephan Vehmeijer**  
Rotterdam, Netherlands

## Faculty

**Dr. Graeme Davis**  
Johannesburg, South Africa

**Dr. Jenaro Fernández-Valencia**  
Barcelona, Spain

**Mr. Alex Liddle**  
London, England

**Prof. Ulrich Nöth**  
Berlin, Germany

**Dr. Maxence Vanderkerckhove**  
Brugge, Belgium

**Prof. Luigi Zagra**  
Milan, Italy

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Leonardo Royal Hotel  
Paul van Vlissingenstraat 24  
1096 BK  
Amsterdam

**Language**  
English

**Timezone**  
CET

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## Course Accreditation

Awarded 7.5 CPD points by the Royal College of Surgeons of England



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