

Smith+Nephew

Academy

Education + Innovation + Excellence
M U N I C H

+ Innovations in Hip and Knee Arthroplasty Group Vitaz St Niklaas Munich Academy Visitation

**Exploring Smith + Nephew's
Advanced Implants and
Innovative solutions for Total
Knee and Hip Arthroplasty**

Smith+Nephew Academy Munich
Rosenheimer Str. 116
81669 München
Germany



+ Academy Munich

S+N Academy Munich is another addition to our global network of 9 Academies, across 3 continents, providing healthcare professionals with the opportunity to learn new clinical techniques and ensure the safe and effective use of our technologies.

Academy Munich was born out of the desire to create a hub that not only drives the development of cutting-edge medical technology, but also provides another European base for ongoing medical education and training. We believe that innovation, excellence and education go hand in hand, and our centre will bring together the brightest minds in surgery to collaborate, learn, and push the boundaries of what is possible.



Supporting our purpose of Life Unlimited, the Academy is designed to be a regional hub for healthcare professionals, industry partners, and innovators from across Europe to come together to collaborate, push boundaries, and create new ideas. It is complete with state-of-the-art equipment and solutions, such as a Digital OR and a Simulation and VR training room, to support medical education and innovation of the next era.

Breakthroughs in surgical techniques, robotics, and innovative materials are creating huge opportunities to evolve what's possible in healthcare, and as such, Academy Munich is committed to delivering over 180 medical education days a year, training up to 5,000 surgeons a year with various on-site courses.

The Academy is a further iteration of our global commitment and continued investment in developing breakthrough technologies, training the healthcare professionals who will shape the future of care, and gathering the vital clinical evidence, that will help drive our growth.



+ Course Description

Our course has been crafted for surgeons aiming to delve into the intricacies of available implants and systems offered by Smith & Nephew. Led by experienced faculty, sessions will navigate through the practical aspects of the surgical workflow, encompassing setup, registration, planning, and execution, particularly emphasizing the integration of robotics into daily practice. Concurrently, surgeons will gain insights into the array of available implant systems. Upon course completion, surgeons will possess the necessary skills and knowledge to adeptly utilize Smith & Nephew's advanced innovative implants, thereby improving procedural precision and patient outcomes in their clinical practice.

Course Objectives

- Gain insights into the various implant systems offered by Smith & Nephew for total knee and hip replacement surgeries.
- Learn the practical aspects of the surgical workflow, including setup, registration, planning, and execution, with a focus on integrating robotics where applicable.
- Develop the skills necessary to effectively utilize Smith & Nephew's advanced implants in surgical procedures.
- Enhance procedural precision and optimize patient outcomes through the application of acquired knowledge and skills in clinical practice.



+ Preliminary Agenda

May 27th 2024

- 09:00-09:30 Welcome to S+N Academy Munich and site visit
09:30-10:45 Introduction to S+N Hip and Knee Portfolio
- Journey UK Design Rationale
 - Legion Primary Knee system Design Rationale
 - Polar R3 Total Hip system Design Rationale
 - CORI & RI Insights Overview
- 10:45-12:00 PolarR3 Wetlab Workshop
12:00-13:00 Lunch
13:00-17:30 Robotics and Total Knee Replacement Instructional Training
- o Exploring current challenges and considerations for Robotic surgery
 - o CORI TKA a Systematic approach to Robotics assisted TKA
 - Set-up and Registration Workshop
 - TKA Planning Workshop
 - CORI TKA Execution Workshop
- 19:30 Course Dinner

May 28th 2024

- 08:00-12:00 Systematic Approach to CORI UKA
- o How handheld robotics can address current UKA challenges
 - o UKA a systematic approach to robotic assisted surgery
 - CORI UKA Registration Workshop
 - CORI UKA Planning Workshop
 - CORI UKA Execution Workshop
- 12:00-12:45 Lunch
12:45-13:45 Real Intelligence and Robotics
13:45-14:30 Introduction to Hip 7 & Hip Modeler
14:30-14:45 Course Wrap up



Smith and Nephew Robotics GmbH
Rosenheimer Strasse 116a
81669 Munich
Reception-Munich.DE@smith-nephew.com
www.smith-nephew.com
T +49 89 14367400

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