



RCSI



IMRA

International Medical
Robotics Academy

FOUNDATIONS OF ROBOTIC SURGERY ONLINE COURSE

INFORMATION GUIDE

ENROL TODAY



Dear Doctor,

RCSI in partnership with International Medical Robotics Academy (IMRA) are delighted to announce a unique online robotics course, developed by surgeons for surgeons, the 'Foundations of Robotic Course'. The course has a linear robotic surgical training curriculum using online education, virtual reality, 3D video, simulators and advanced synthetic organ models.

It was developed by the International Medical Robotics Academy (IMRA) following endorsement by the Royal Australasian College of Surgeons (RACS) and Royal College of Surgeons in Ireland (RCSI). Doctors will be equipped with the theoretical knowledge and practical working understanding of how-to setup a robot and console, the fundamentals of operating the robot, how to achieve robotic surgical competence and much more.

There has been an exponential growth globally in procedures performed using robots over the last decade. While we can conduct our training in-person at National Surgical and Clinical Skills Center, RCSI, during designated training days on a single console, this online course has been designed to be accessible to all interested doctors. This cross discipline will teach trainees all the basics they need for robotic surgery within their chosen specialty. It provides the foundational theory and principles required to safely perform robotic surgical procedures.

If you have an interest in robotic surgery, or if you don't want to be left behind in your training, this course is for you.

FEATURES

- 11 learning modules
- Foundational principles of robotic surgery
- History, robot and console setup
- Fundamentals of operating, achieving robotic surgical competency and much more
- How to safely practice robotics
- 10–15 hours of self-paced learning to complete in your own time
- Designed by surgeons for surgeons
- Content delivered by experts in simulation, high fidelity synthetic models and robotic surgery

BENEFITS

- While optional, those who complete will have priority access to the robotic study days held at RCSI
- This will be recognised as an approved RCSI course in progressing from ST2 to ST3 in your chosen specialty.

RCSI have worked with IMRA on modifications to the content to align it with the needs of Irish doctors, we would strongly endorse this course as a key component in your aspiring career as a surgeon with an interest in robotic techniques.

The Foundations of Robotic Online Course is now available via the RCSI Moodle platform at a cost of €750.00. Doctors will be able to claim reimbursement of this cost through their Training Support Scheme (TSS) funding. Doctors can pay for this online course via the QR code. Please note, once you have paid for this online course, RCSI will email you're registration details to you. In the meantime, interested doctors can see some of what is available to you via this [LINK](#)

If you have any queries do not hesitate to contact us at

Surgical Trainees: corest@rcsi.ie

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RCSI Surgery

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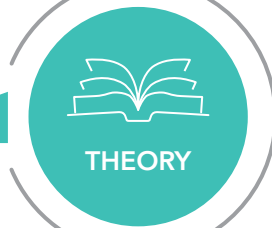


TRAINING PATHWAY

ROBOTIC SURGERY PROFICIENCY ASSESSMENTS *Metrics for All Stages of Training*

- eLearning & AMRA Lab
- Lectures & Videos
- Practical Tasks

01



- AMRA courses
- Vendor content
- RACS 9 competencies

- Oculus & Mimic
- Psychomotor skills
- 3D videos

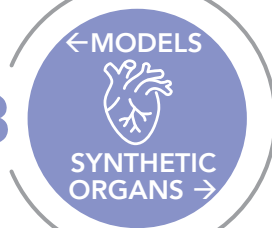
02



- Performance analytics

- Surgical Robot
- Basic models
- Synthetic organs

03



- Metrics: Bloods loss, margins, leak test...
- Video review

- Operating room
- Human procedures

04



- Metrics: Length of operation
- Video review



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