

Objectives

- Defining the robotic surgical platform components, features, setup requirements, and troubleshooting measures.
- Developing the psychomotor skills required to safely operate the robotic surgical platform.
- Leveraging surgical case observation in defining how the robotic surgical platform is integrated into the OR setting and how the platform can be best utilized in clinical practice.
- Developing clinical efficiency through comprehensive team training.

Educational Methods

During this program, your experience will include: exposure to discussions on robotic technology, human factors and surgical evaluation tools, robotic surgical platform training, hands-on simulation, wet & dry lab experiences, surgical case observation, and competency development in the skills required to safely operate the Intuitive Surgical daVinci Robot.

Agenda

E-learning (7h) Pre-Course Work

- Theoretical knowledge

Technical skills development (28h)

- Simulation Skill Development: dV-Trainer & RobotX Mentor
- Microsurgery workshop
- Dry lab (skill development model)
- Wet lab (animate model & anatomic tissue)

Conferences (5h)

- Program presentation
- Fundamentals of Robotic Surgery (FRS)
- Human Factors: Situational Awareness in robotic OR
- Human Factors: Errors & Violations

Non-Technical Skills development (4h)

- Team Training Workshop
 - Simulation Team Training
 - Briefing & Debriefing
 - Communication Skill Development

Live case observation (4h)

- Patient positioning & port placement
- Robotic docking sequence
- Surgical procedure setup & facilitation
- Surgical teams role & responsibilities
- Human Factors: Team dynamics

Robot set-up (2h)

- Start up and calibration
- Docking sequence
- Patient cart positioning and port placement
- Troubleshooting

Assessment (4h)

- Cognitive Assessment: Theoretical knowledge
- Psychomotor Assessment: Technical Skills
- Conceptual Application: Research review

Duration

- Prerequisite material: E-Learning (7h)
- Onsite Course Instruction: 5 days (47h) in Nancy, France

Trainers

This course is coordinated by Professor Jacques Hubert, Head of Urology Department at the Nancy Hospital. The course instructors are experts in both Human Factors training, technical and non-technical skills development.

Dates

- 14 to 18 January 2019
- 11 to 15 February 2019
- 4 to 8 March 2019
- 1 to 5 April 2019
- 15 to 19 April 2019
- 17 to 21 June
- 1 to 5 July 2019

Location

Hôpital Virtuel de Lorraine - Nancy Surgery School

Attendees

12 attendees per Course

Fees

6 250 €