

ST. JUDE MEDICAL
ADVANCED LEARNING CENTER

EUROPE, MIDDLE EAST, AFRICA AND CANADA

VIRTUAL REALITY
WORKSHOPS



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MORE CONTROL. LESS RISK.

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VIRTUAL REALITY WORKSHOPS

Emergence of new treatment options for managing cardiac arrhythmia disorders is changing how clinicians treat patients. In a one day intensive workshop, the participants will become familiar with the latest technologies and procedures used to improve patient treatment outcomes.

The programs provide an opportunity for physicians to gain hands-on experience with virtual reality simulation.

Virtual reality simulation has been proven to be an effective way of learning new procedures^{1,2}. It reduces risks especially in the early phase of the learning curve. It allows for practicing procedures without any risk for neither the patient nor the trainee (not at least since no X-rays are used).

WHO SHOULD ATTEND

Physicians who are or will be treating patients with arrhythmia and wish to expand their hands-on procedural experience.

The number of participants is limited to 12 in order to optimize the hands-on learning experience.

WHERE

The workshops are taking place at the St. Jude Medical Advanced Learning Center, Brussels, Belgium

INFORMATION AND REGISTRATION

Please contact your local St. Jude Medical Sales Representative for additional information and how to apply.

¹ Teodor Grantcharov and colleagues (Br J Surg 2004; 91: 146–50)

² A.G. Gallagher, The Lancet, Vol 364 October 3, 2004

PACING AND DEFIBRILLATION

TOPICS:

- State of the art of pacing
- Patient management prior, during and after implant
- Wet lab—anatomy review
- Review of implant technique from puncture to closure
- Hands-on right atrium and ventricle implants (virtual reality)
- An approach to alternative pacing sites
- Patient follow-up and early device programming for pacemakers and ICDs

OBJECTIVES:

Upon completion of this course participants will be able to:

- Understand the relevant anatomies
- Apply the systematic approach for device implant
- Increase familiarity with current available technologies

CARDIAC RESYNCHRONIZATION THERAPY

TOPICS:

- State of the art of CRT
- Patient management prior, during and after implant
- Wet lab—anatomy review
- CRT Implant methodology
- Placing the LV lead
- Hands-on LV lead implants (virtual reality)
- Patient follow-up: programmer workshop
- Clinical cases review

OBJECTIVES:

Upon completion of this course participants will be able to:

- Understand the relevant anatomies
- Apply the systematic approach for CRTdevice implants
- Increase familiarity with current available technologies

COMMON ATRIAL FLUTTER ABLATION

TOPICS:

- State of the art of atrial flutter ablation
- Patient management prior, during and after ablation
- Right atrium anatomy and ablation biophysics
- Mapping techniques and ablation strategies
- Approaches to atrial flutter ablation
- Hands-on ablation practice on three atrial flutter cases (virtual reality)

OBJECTIVES:

Upon completion of this course participants will be able to:

- Select the indicated patients for flutter ablation
- Apply ablation methodology
- Increase familiarity with current available technologies

TRANSSEPTAL PUNCTURE

TOPICS:

- State of the art of transseptal puncture
- Wet lab—anatomy review
- Transseptal puncture methodology
- Patient management during puncture
- Complications management
- Hands-on practice of transseptal punctures in a standard, floppy and fibrotic fossa (virtual reality)

OBJECTIVES:

Upon completion of this course participants will be able to:

- Understand the relevant anatomies and recognize the x-ray landmarks
- Apply the systematic approach transseptal puncture
- Prevent and handle common complications

St. Jude Medical is focused on reducing risk by continuously finding ways to put more control into the hands of those who save and enhance lives.

ATRIAL FIBRILLATION

CARDIAC RHYTHM MANAGEMENT

CARDIOVASCULAR

NEUROMODULATION

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