

# MEDICAL EDUCATION

## THE SIMULATED IMPLANT

**Medtronic**  
Further. Together

### TRAINING GOAL

Shorten the learning curve for the performance of pacing system implants and prevention/handling of common procedural challenges.

### TARGET AUDIENCE

Physicians with limited or no pacemaker implant experience aiming to become proficient device implanters.

### PREREQUISITES

Three years of hospital practice (one year for cardiologists or cardiac surgeons) AND six months in ICU/CCU. Demonstrated skills with subclavian puncture, basic suturing and knot-tying techniques. Fundamentals of electrophysiology and principles of cardiac pacing.

### TRAINING OVERVIEW

With instruction by highly experienced and respected implanting physicians, participants learn and practise every step of the implant procedure of a pacing system, from scrubbing to wound closure, and the Insertable Cardiac Monitor (ICM). They also learn how to anticipate, identify and correct the most common implant complications. Hands-on time is maximised to accelerate skills development through realistic experiences and one-to-one coaching. Using state-of-the-art implant and surgical simulators, participants can safely learn, practise and repeat the procedure to fine-tune their technique, without unnecessary risk to themselves or their patient. After completing this programme, participants are prepared for their first supervised in vivo experiences.

### STEERING BOARD

Dr Hassan Mansour (Beirut, Lebanon), Dr Ludwig Binner (Ulm, Germany), Prof Haran Burri (Geneva, Switzerland)