

EUROPEAN HEART RHYTHM ASSOCIATION

A Registered Branch of the ESC

EHRA Snapshot Survey

Subcutaneous Implantable Cardioverter Defibrillator Implantation (ESSS-SICDI)

Objectives:

The European Heart Rhythm Association (EHRA) Scientific Initiatives Committee (SIC) will conduct a snapshot survey on subcutaneous implantable cardioverter defibrillator (sICD) implantation. The main purpose of this survey will be to assess what proportion of all ICD candidates are implanted with sICD and to identify factors that promote sICD implantation (as opposed to transvenous ICD) across Europe. By means of recognising dominant routines used for ICD and sICD implantation in daily clinical practice in Europe, this survey is expected to identify the gaps existing between contemporary clinical practice in European countries and current recommendation of cardiac societies.

Consequently, the results obtained will allow identifying main areas of uncertainties and suggesting the directions of further research.

Design and methods:

The electronic snapshot survey will be a prospective, multicenter survey of consecutive patients undergoing ICD/sICD implantation from centres which are located in countries that are members of the EHRA. A letter will be sent to the participating countries' Arrhythmia working groups to ask for participation. The questionnaire is created as multiple choice questions, and will be filled out by a physician at the day of implantation, and at discharge from hospital. No follow-up is planned.

- Inclusion criteria:

All patients undergoing implantation of standard transvenous, or subcutaneous implantable cardioverter defibrillator

- Exclusion criteria:

Patients unwilling or unable to participate

Ethical considerations:

Data will be entered by the physician using an online platform. All data will be entered anonymously. Only the assigned SIC members will have access to the data during data collection. There will be no storage of clinical data outside the data collection instrument, which will be a secure, web-based form at The European Heart House. The main database will be secured according to current standards to ensure both ethical and integrity requirements of the data.

Publications of results are planned for the EP Europace Journal in September.