Clinical profile and follow-up data of patients included in the European Registry for ICD and CRT devices in Pediatrics and Adults with Congenital Heart Disease (Euripides)

Introduction: The European Registry for ICD and CRT Devices in Pediatrics and Adults with Congenital Heart Disease (Euripides) has been existing since 2007 thanks to initiative of the AEPC, ESC and the German Competence Network Congenital Heart Disease.

Methods: Demographic and medical data including indication and implantation details as well as obligatory yearly follow-up of treatment efficacy, complications and therapy termination were prospectively entered into the registry since 2007 using a pseudo-anonymized web-based data entry.

Results: A total of 242 ICD, 36 CRT and 6 CRT-D patients from 16 centres of 11 European countries have been included (Germany 77, Poland 66, Czech Republic 29, Finland 27, Hungary 26, Switzerland 18, Netherlands 12, others 29 pts.). At least one yearly follow-up was entered in 70 % of all eligible patients. A median (IQR) follow-up period was 2.8 years.

Conclusions: Data entered allow for detailed analysis of therapy indications, efficacy and complications. Major problems are still slow data volume growth and a low number of obligatory annual follow-up reports.