

Recent trends in cardiac electrophysiology

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Abstract

In recent years, there has been a dynamic development of modern techniques used in contemporary cardiac electrophysiology. Technological development and progress in areas such as permanent cardiac pacing, implantation of cardioverter-defibrillators, modern ablation techniques in patients with atrial fibrillation, technologies for extracting pacing systems or telemonitoring of patients and cardiac implantable electronic devices are only a fragment of the dynamically changing world of modern cardiology. The lecture will include a short historical outline, the current situation in cardiac electrophysiology and the future that is approaching rapidly.

About the presenter

Dariusz Jagielski, prof. of WUST is Dean of the Faculty of Medicine, cardiologist, electrophysiologist, and Deputy Head of the Department of Cardiology of the Heart Diseases Centre at the 4th Military Clinical Hospital in Wrocław. His professional and scientific activity so far has been related to cardiac electrophysiology, and more specifically to the introduction of modern medical technologies into clinical practice. It includes, among others: implantation of leadless cardiac pacemakers, phrenic nerve stimulation in sleep apnea syndrome in people with heart failure, transvenous removal of pacing systems, long-term ECG monitoring. Prof. Jagielski is a member of: the Polish Society of Cardiology (PCS), the Heart Rhythm Section of PCS, and the European Society of Cardiology. He has been educating doctors for almost 30 years, including: internists and cardiologists in the field of electrophysiology and cardiology. An active participant in scientific conferences and symposia as a lecturer, chair/co-chair of discussion panels and presenter of works. He takes part in the most important scientific events in the areas of medicine in Poland and abroad.