



26th Nordic-Baltic Congress of Cardiology 2017

Congress Speaker, 2017



Dr. TOMAS ZAREMBA

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Tomas Zaremba MD PhD works as a cardiologist at Aalborg University Hospital, Denmark. During his PhD studies, he researched radiotherapy for cancer in patients with pacemakers and ICDs. He performed both experimental and population-wide epidemiological studies on the impact of ionizing radiation on heart rhythm devices and analyzed management of device patients undergoing radiotherapy. The studies have highlighted the influence of other factors on device malfunctions besides radiation dose and elucidated the clinical aspects of pacemaker and ICD malfunctions during radiotherapy. This work has led to several original papers and a recent review including recommendations on safe radiotherapy in patients with cardiac implantable electronic devices. Dr. Zaremba has also contributed to Danish recommendations in onco-cardiology.

In his present work, Dr. Zaremba specializes in cardiovascular magnetic resonance, including clinical and scientific aspects of cardiomyopathies, sudden cardiac death, and ischemic heart disease. Being part of echocardiography team, he conducts research on echocardiographic characteristics of cardiac resynchronization therapy. His previous experience and scientific work also includes cardiac CT, focusing primarily on prognostic assessment.