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## Research outputs

### **Electromechanical Modeling of Localized Micro-Scale Piezoelectric Interaction at Impact Site**

Hasani, M., Riahi, S. & Rezaia, A., 1 Jan 2026, In: EJMSOL-D-25-00856. 115, 105799.

### **Device-related complications in a national pediatric cardiac implantable electronic device cohort stratified after age and implantation technique**

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### **In-vivo 6D heart motion analysis for emerging self-powered cardiac implants**

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### **Psychometric Performance of Florida Patient Acceptance Survey in Danish Implantable Cardioverter Defibrillator Patients**

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### **Epicardial Heart Motion Measurement by Implanting Motion Sensor**

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### **Long-term performance of innovative hexa-fold piezoelectric energy harvester for self-powered leadless pacemakers**

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### **High-sensitivity cardiac troponin-T concentrations and their prognostic implications in patients with paroxysmal supraventricular tachycardia☆**

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### **Asundexian versus Apixaban in Patients with Atrial Fibrillation**

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**Association between new-onset atrial fibrillation and adverse clinical outcomes by country of origin: A matched nationwide cohort study**

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**Optimal Medical Therapy for Heart Failure and Integrated Care in Patients With Atrial Fibrillation: A Report From the ESC-EHRA EORP Atrial Fibrillation Long-Term General Registry**

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**Mortality and patient stratification 30 days after Staphylococcus aureus bacteraemia in patients with cardiac implantable electronic devices - a Danish nationwide cohort study**

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**Incidence of Staphylococcus aureus Bacteremia in Patients Following Implantation of Cardiac Implantable Electronic Devices: A Danish Nationwide Cohort Study**

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Lær det fra dig, inden du smutter. Det tager tid!

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### **Harnessing cardiac power: Heart kinetic motion analysis for energy harvesters**

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### **Plant Omega-3 Fatty Acids May Lower Risk of Atrial Fibrillation in Individuals with a Low Intake of Marine Omega-3 Fatty Acids**

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### **A comparison of symptoms of anxiety and depression in patients with a primary and secondary prophylactic indication for an implantable cardioverter defibrillator. [Data from the ACQUIRE-ICD RCT]**

Frydensberg, V. S., Skov, O., Møller, S. M., Skovbakke, S. J., Vinther, M., Melchior, T. M., Nielsen, J. C., Riahi, S., Johansen, J. B. & Pedersen, S. S. P., 17 Jul 2024, In: European Journal of Cardiovascular Nursing. 23, Suppl. 1, p. I9-I11 3 p., zvae098.007.

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### **High Prevalence of Atrial Fibrillation Found in the Capital of Greenland When Using Continuous Electrocardiogram Monitoring: A Cross-Sectional Study**

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### **Contact-Based Impact Energy Harvesting from the Ultralow Frequency Intracardiac Kinetic Energy**

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### **Efficacy of a web-based healthcare innovation to advance the quality of life and care of patients with an implantable cardioverter defibrillator (ACQUIRE-ICD): a randomized controlled trial**

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### **Factors associated with early and late Staphylococcus aureus bacteraemia after first cardiac implantable electronic device implantation a Danish nationwide cohort study**

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### **Atrial pacing minimization in sinus node dysfunction and risk of incident atrial fibrillation: a randomized trial**

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### **Contractile asymmetry and survival in patients with left bundle branch abnormality treated with cardiac resynchronization therapy**

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**Long-term risk of cardiovascular implantable electronic device reinterventions following external cardioversion of atrial fibrillation and flutter: A nationwide cohort study**

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**Is the Pattern Changing? Atrial Fibrillation and Screening with Holter Electrocardiograms among Ischemic Stroke Patients in Greenland from 2016 to 2021**

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**Are anxiety and depression risk factors for poor medication adherence in patients with an implantable cardioverter defibrillator?**

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**Energy Harvester based on Piezoelectric Impact Compartment**

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**Adynamic response to cold pain reflects dysautonomia in type 1 diabetes and polyneuropathy**

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**Prevalence of electrocardiographic abnormalities in patients with chronic kidney disease**

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**Risk of complications following external cardioversion in cardiovascular implantable electronic devices with and without generator replacement**

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**Severity of Brugada syndrome disease manifestation and risk of new-onset depression or anxiety: a Danish nationwide study**

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**Contemporary management of atrial fibrillation and the predicted vs. absolute risk of ischaemic stroke despite treatment: a report from ESC-EHRA EORP-AF Long-Term General Registry**

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