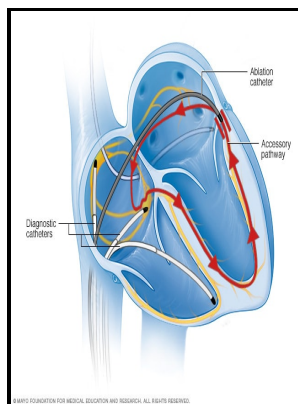


Progress in cardiac arrhythmia research

Nova Science Publishers - Heart Rhythm Research



Description: -

-

Arrhythmia

ArrhythmiaProgress in cardiac arrhythmia research

-Progress in cardiac arrhythmia research

Notes: Includes bibliographical references and index.

This edition was published in 2007



Filesize: 7.36 MB

Tags: #Acquired #and #Inherited #Cardiac #Arrhythmias

Center for Arrhythmia Research

Large observational cohort studies may help to better define the risk and time course of developing AF in these contributory states.

Acquired and Inherited Cardiac Arrhythmias

Similarly, research is needed in order to better understand how risk factor modification impacts future risk of AF, including treatment of hypertension, diabetes, obesity, HF, and sleep disordered breathing. Treatment of atrial fibrillation by the ablation of localized sources: CONFIRM Conventional Ablation for Atrial Fibrillation With or Without Focal Impulse and Rotor Modulation trial. Validation of methods for noninvasive imaging of AF The 12-lead ECG has limited ability to identify AF mechanisms or to localize atrial arrhythmias.

Arrhythmia & Sudden Death

The research symposium also sought to identify key deficiencies and opportunities in research infrastructure, operations, and methodologies.

Cardiac arrhythmia

Sweeney MO, Bank AJ, Nsah E, Koullick M, Zeng QC, Hettrick D, Sheldon T, Lamas GA. Cardiac arrhythmia is a term that denotes a disturbance of the heart rhythm. Our hope is that this Research Topic written by a few opinion leaders will inspire other clinicians and scientists in further helping to define the precise cellular and molecular bases of acquired and inherited arrhythmogenic cardiac diseases toward improving therapy for the benefit of the patient.

Acquired and Inherited Cardiac Arrhythmias

A systematic review of quality of life related to AF therapies demonstrated improvement with rate or rhythm control strategies but offered no further conclusions regarding patient decision-making about these strategies. Hess CN, Rao SV, Kong DF, et al. One such population is individuals with AF and impaired renal function, as all NOACs are at least partially excreted via the kidneys.

Cardiac arrhythmia

Given the poor efficacy of antiarrhythmic drug therapy and limited efficacy of catheter ablation in persistent forms of AF, early interventions that terminate AF or prevent the progression of AF may have significant clinical benefit. Functional effects of KCNE3 mutation and its role in the development of Brugada syndrome. Thus, one cannot learn a PEA rhythm.

Researchers discover how heart arrhythmia occurs

Candidate interventions might include β -adrenergic blockers, novel compounds such as HDAC and CaMKII inhibitors, statins or isoform-specific NADPH oxidase inhibitors, and autonomic modulation. Optical mapping uses voltage- or Ca^{2+} -sensitive dyes to derive action potential and propagation characteristics on the submillimeter to millimeter scale. This causes the ventricles to contract and produces a heartbeat.

Related Books

- [Man and economics](#)
- [Americas grand strategy and world politics](#)
- [Entropia e potere - atti del Convegno Le lotte ambientali tra movimento e rapporti di produzione, fi](#)
- [Nauchno-tehnicheskaya revolyutsiya i razvivayushchiesya strany](#)
- [Cult science fiction films - from the amazing colossal man to Yog - monster from space](#)