

Download Concepts On The Mechanisms And Treatment Of Arrhythmias

Learn mechanisms of cardiac arrhythmias: automaticity, re-entry (reentry) and triggered activity, with emphasis on physiology, ECG and clinical features. Includes a complete e-book, video lectures, clinical management, guidelines and much more. True emergencies due to unstable arrhythmias in children are rare, as most rhythm disturbances in this age group are well-tolerated. However, presentation to an emergency department with symptoms of palpitations, fatigue and/or syncope is much more common. Sinus tachycardia is by far the most common. There are two general functional classes of vasoconstrictors based on their mechanism of action that are used in the treatment of hypotension. Fueled by the burgeoning opioid epidemic, valve surgeries for substance use disorder-related infective endocarditis (SUD-IE) are increasing. The impact of substance use disorder on postvalve replacement morbidity needs further investigation.