Discontinuous Conduction In The Heart

Peter M Spooner; Ronald W Joyner; Jose Jalife; American Heart Association; Lung National Heart

Functional Imaging and Modeling of the Heart: 8th International. - Google Books Result Discontinuous conduction in the heart. Peter M. Spooner; Ronald W. Joyner and; Jose Jalife. Article first published online: 3 FEB 2009. DOI: 10.1002/clc. Optimal Velocity and Safety of Discontinuous Conduction through . Slow Conduction in Cardiac Tissue, II Tachycardias - Google Books Result Discontinuous conduction in the heart. Peter M. Spooner, Jose Jalife, R. Joyner, 9780879936693, available at Book Depository with free delivery worldwide. Heart Physiology and Pathophysiology - Google Books Result Modulating L-type calcium current affects discontinuous cardiac . Preparations with multiple branch points exhibited discontinuous and slow . and in computer simulation studies that slowing of conduction in cardiac tissue is Discontinuous conduction in the heart - Spooner - 2009 - Clinical . series of views on discontinuous conduction from molecular, cellular, and . duction in the heart and demonstrate why the old concept of an anatomic and Discontinuous Conduction of the Heart : PM Spooner, Jose Jalife, R . Discontinuous Conduction in the Heart (American Heart Association Monograph Series). by Peter M. Spooner, Ronald W. Joyner, Jose Jalife Rudy Lab - Cardiac Tissue Injury of the heart evokes a diverse array of cellular responses of both . Fractionation is due to the highly discontinuous conduction of the activation. Although Discontinuous Conduction in the Heart - Google Books The Hypertrophied Heart - Google Books Result Lessons learned about slow discontinuous conduction from models . Since it is the differences in refractory period between the fast and slow pathways which give rise to a discontinuous conduction curve, it is tempting to say that . Amazon Kindle: Discontinuous Conduction in the Heart (American . . L-type calcium current affects discontinuous cardiac action potential conduction Todd Franklin Cardiac Research Laboratory, Children's Heart Center, . Effects of Ischemia on Discontinuous Action Potential Conduction in . Background—Acute ischemia often occurs in cardiac tissue that has prior injury. . Under conditions of discontinuous conduction, however, L-type calcium Molecular Mechanisms of Cardiac Hypertrophy and Failure - Google Books Result Slow and discontinuous wave conduction through nonuniform junctions in cardiac tissues is generally considered unsafe and proarrhythmogenic. However, the Congestive Heart Failure - Google Books Result Title: Discontinuous conduction through heterogeneous cardiac junctions. Author: Stewart, Philip. Awarding Body: University of Manchester. Current Institution Heart Cell Coupling and Impulse Propagation in Health and Disease - Google Books Result The Todd Franklin Cardiac Research Laboratory. The Children's Heart Center,. Department of to discontinuous conduction between cell bundl 3 s, with. The Conduction System of the Heart: Structure, Function and . - Google Books Result ?The sections in this article are: 1 Basic Mechanisms of Cardiac Impulse . and Discontinuous Conduction: 1.4 Propagation in Discontinuous Structures: 1.5 Discontinuous conduction in the heart. Book. Discontinuous conduction in the heart. Privacy - Terms. About. Discontinuous conduction in the heart. Book. ISBN Transition From a Continuous to Discontinuous Understanding of . Lessons learned about slow discontinuous conduction from models of impulse propagation. Rudy Y(1). Author information: (1)Cardiac Bioelectricity and Discontinuous conduction at Purkinje-ventricular muscle junction Heart Conduction System - ResearchGate Discontinuous conduction through heterogeneous cardiac . - EthOS We demonstrated the importance of ICa(L) during discontinuous conduction, when cells are poorly coupled. Recently, we have focused attention on simulation Mark Yeager - Molecular Physiology and Biological Physics Continuous Cardiac Conduction Theory. It is noteworthy that the widespread use of optical mapping to measure spiral waves that represent the behavior of Discontinuous conduction in the heart Facebook Continuous and Discontinuous Propagation in Heart Muscle Yeager, M. Structure of Cardiac Gap Junction Membrane Channels: Progress Toward a Higher Resolution Model. In: Discontinuous Conduction in the Heart. Development of the Cardiac Conduction System - Google Books Result Electrical Diseases of the Heart: Volume 1: Basic Foundations and . - Google Books Result The long QT syndrome has become the focus of considerable scientific attention in recent years because of the discovery of several genes responsible for its . Discontinuous conduction in the heart - Wiley Online Library Normal and Abnormal Conduction in the Heart - Comprehensive .