

題名:Effect of K201; a novel antiarrhythmic drug on calcium handling and arrhythmogenic activity of pulmonary vein cardiomyocytes.

作者:陳亦仁

Chen YJ; Chen YC; Wongcharoen W; Lin CI; Chen SA;

貢獻者:臨床醫學研究所

上傳時間:2009-08-21T08:58:20Z

摘要:Pulmonary veins are the most important focus for the generation of atrial fibrillation. Abnormal calcium homeostasis with ryanodine receptor dysfunction may underlie the arrhythmogenic activity in pulmonary veins. The preferential ryanodine receptor stabilizer (K201) possesses antiarrhythmic effects through calcium regulation. The purpose of this study was to investigate the effects of K201 on the arrhythmogenic activity and calcium regulation of pulmonary vein cardiomyocytes.