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BY FRANCESCO MONITILLO

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Francesco Monitillo, Marta Leone, Caterina Rizzo, Andrea Passantino, Massimo Iacoviello

Abstract

Ventricular repolarization is a complex electrical phenomenon which represents a crucial stage in electrical cardiac activity. It is expressed on the surface ECG by the interval between the start of the QRS complex and the end of the T wave or U wave (QT). Several physiological, pathological and iatrogenic factors can influence ventricular repolarization. It has been demonstrated that small perturbations in this process can be a potential trigger of malignant arrhythmias, therefore the analysis of ventricular repolarization represents

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