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Identification of Classification Method for Sudden Cardiac Death: A Review

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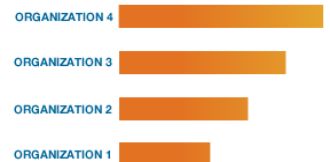
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Abstract

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Abstract: Even in this new millennium, SCD still remains one of leading and unresolved problems in clinical cardiology. One of the most important factors in determining heart conditions is ECG parameters because ECG signals are the most common technique for doctors in analyzing SCD. For detecting and predicting SCD, there are many methods various classification have been proposed to expose. Remainder of this paper to list out methods classification for SCD used Systematic Literature Review (SLR). SLR was carried out and reported based on the preferred reporting items for systematic reviews. 13 papers we retrieved by manual search in four databases. 6 primary studies were finally included to identification and analyzed. The Classification method for SCD from

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Neural Network (RNN). The review provides researchers with some guidelines for future research on this topic.

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I. Introduction

Sudden Cardiac Death (SCD) is a leading cause of mortality and although data from many regions to the world is limited, SCD remains a major public health burden worldwide [1], accounting 50% of deaths form cardiovascular disease and approximately 350.000 annual deaths in the United States [2] [3]. In [1] suggest that men have a three to four-

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fold higher risk for Scd compared woman. SCD Risk Factors is (1) age, sex, and ethnicity, (2) clinical risk factors, (3) coronary heart disease, (4) other structural heart disease, (5) Inherited arrhythmic disorder, and (6) electrocardiogram (ECG) parameters [1].

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