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12-lead electrocardiogram features of arrhythmic risk: A focus on early repolarization

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### Abstract

The 12-lead electrocardiogram (ECG) is still the most used tool in cardiology clinical practice. Considering its easy accessibility, low cost and the information that it provides, it remains the starting point for diagnosis and prognosis. More specifically, its ability to detect prognostic markers for sudden cardiac death due to arrhythmias by identifying specific patterns that express electrical disturbances of the heart muscle, which may predispose to malignant arrhythmias, is universally recognized. Alterations in the ventricular repolarization process, identifiable on a 12-lead ECG, play a role in the genesis

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[en.ecgpedia.org/wiki/Early\\_Repolarization](http://en.ecgpedia.org/wiki/Early_Repolarization) ▾ 翻译此页

2013年2月25日 - Characteristics of early repolarization are:[1] ... Before screening for risk of sudden death by these new types of early repolarization can be performed a better ... Characterization of standard 12 lead ECG abnormalities can be facilitated by .... Normal tracing · Technical Problems · Sinus rhythms · Arrhythmias: ...  
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### [PDF] Early Repolarization: Innocent or Dangerous? - The ...

[www.amjmedsci.com/article/S0002-9629\(15\)30546-2/pdf](http://www.amjmedsci.com/article/S0002-9629(15)30546-2/pdf) ▾ 翻译此页

Key Indexing Terms: Early repolarization; Sudden death; Brugada syn- drome; J wave; ST-segment ... advent of the 12-lead ECG, Myers et al9 pointed out its location ... is benign ECG changes or is it really one of the causes of VF and sudden death. .... with ascending ST variant, the relative risk of arrhythmic death was not ...

### Early repolarization - UpToDate

[www.uptodate.com/contents/early-repolarization](http://www.uptodate.com/contents/early-repolarization) ▾ 翻译此页

2015年11月30日 - However, a primary arrhythmic disorder such as idiopathic VF due to ... on an electrocardiogram (ECG) is based on well-defined ECG findings ... Association of early repolarization pattern on ECG with risk of ... Incidence and prognostic value of early repolarization pattern in the 12-lead electrocardiogram.  
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... cardiac arrest associated with early repolarization - Haïssaguerre - 被引用次数: 1001

### Early Repolarization Syndrome - American College of Cardiology

[www.acc.org/latest-in-cardiology/articles/.../early-repolarization-syndrome](http://www.acc.org/latest-in-cardiology/articles/.../early-repolarization-syndrome) ▾ 翻译此页

2016年5月16日 - Early repolarization (ER) was first described in 1936 by Shipley and Hallaran when they performed four-lead electrocardiograms (ECGs) on 200 ... of ER malignant cases.<sup>7,12</sup> J point elevation is found more frequently among ... pattern more often, but the arrhythmic risk in this population is uncertain.<sup>15</sup> In a ...

### Early Repolarization: Not as Innocent as Once Thought! | Clinical ...

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作者: R Bond - 相关文章

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### MODERATED POSTERS: FOCUS ON EARLY ... - Europace

[europace.oxfordjournals.org/content/17/suppl\\_3/iii163](http://europace.oxfordjournals.org/content/17/suppl_3/iii163) - 翻译此页

作者: K Hayashi - 2015

2015年6月24日 - A higher prevalence of early repolarization and its characteristics on ... sECG could be



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... cardiac arrest associated with early repolarization - Haïssaguerre - 被引用次数: 1015

### Electrocardiographic Early Repolarization | Circulation

[circ.ahajournals.org/content/133/15/1520](http://circ.ahajournals.org/content/133/15/1520) - 翻译此页

作者: KK Patton - 2016 - 被引用次数: 1 - 相关文章

2016年4月12日 - The early repolarization (ER) pattern (ERP), initially described as elevation of the ST segment of  $\geq 1$  leads on the 12-lead ECG, has long been considered a benign .... However, the consensus document focuses on J-point elevation .... suggests an association with an increased risk of arrhythmic death, ...

### The Phenomenon of Early Repolarization - Circulation: Arrhythmia ...

[circep.ahajournals.org/content/7/3/368.full](http://circep.ahajournals.org/content/7/3/368.full) ▾ 翻译此页

作者: JT Tikkanen - 2014 - 被引用次数: 1 - 相关文章

Early repolarization, ST-segment elevation in the absence of conduction ... early repolarization pattern and adverse outcomes have put their focus on J waves and ... with several 12-lead electrocardiograms recorded during the follow-up period. ... The risk of arrhythmias might also be increased in situations in which early ...

### Early repolarization - UpToDate

[www.uptodate.com/contents/early-repolarization](http://www.uptodate.com/contents/early-repolarization) ▾ 翻译此页

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Association of early repolarization pattern on ECG with risk of cardiac ... Incidence and prognostic value