

## Accepted Manuscript

Novel electrocardiographic features in carriers of hypertrophic cardiomyopathy causing sarcomeric mutations

Mikko Jalanko, Tiina Heliö, Pirjo Mustonen, Jorma Kokkonen, Heini Huhtala, Mika Laine, Pertti Jääskeläinen, Mika Tarkiainen, Kirsi Lauerma, Petri Sipola, Markku Laakso, Johanna Kuusisto, Kjell Nikus

PII: S0022-0736(18)30401-1  
DOI: [doi:10.1016/j.jelectrocard.2018.07.009](https://doi.org/10.1016/j.jelectrocard.2018.07.009)  
Reference: YJELC 52665  
To appear in: *Journal of Electrocardiology*



Please cite this article as: Mikko Jalanko, Tiina Heliö, Pirjo Mustonen, Jorma Kokkonen, Heini Huhtala, Mika Laine, Pertti Jääskeläinen, Mika Tarkiainen, Kirsi Lauerma, Petri Sipola, Markku Laakso, Johanna Kuusisto, Kjell Nikus , Novel electrocardiographic features in carriers of hypertrophic cardiomyopathy causing sarcomeric mutations. *Yjelc* (2018), doi:[10.1016/j.jelectrocard.2018.07.009](https://doi.org/10.1016/j.jelectrocard.2018.07.009)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Novel electrocardiographic features in carriers of hypertrophic cardiomyopathy causing sarcomeric mutations**

Mikko Jalanko<sup>a</sup>, Tiina Heliö<sup>a</sup>, Pirjo Mustonen<sup>b</sup>, Jorma Kokkonen<sup>b</sup>, Heini Huhtala<sup>c</sup>, Mika Laine<sup>a</sup>, Pertti Jääskeläinen<sup>d</sup>, Mika Tarkiainen<sup>e</sup>, Kirsi Lauerma<sup>f</sup>, Petri Sipola<sup>e</sup>, Markku Laakso<sup>g</sup>, Johanna Kuusisto<sup>g</sup> and Kjell Nikus<sup>h</sup>

<sup>a</sup> Heart and Lung Center, Department of Cardiology, Helsinki University Hospital and University of Helsinki, Helsinki, Finland

<sup>b</sup> Central Hospital of Central Finland, Jyväskylä, Finland

<sup>c</sup> Faculty of Social Sciences, University of Tampere, Finland

<sup>d</sup> Heart Center, Kuopio University Hospital, Kuopio, Finland

<sup>e</sup> Department of Radiology, Kuopio University Hospital, Kuopio, Finland

<sup>f</sup> Department of Radiology, Helsinki University Hospital, Helsinki, Finland

<sup>g</sup> Center for Medicine and Clinical Research, University of Eastern Finland and Department of Medicine, Kuopio University Hospital, Kuopio, Finland

<sup>h</sup> Heart Center, Department of Cardiology, Tampere University Hospital, and Faculty of Medicine and Life Sciences, University of Tampere, Finland

Corresponding author:

Mikko Jalanko

Helsinki University Hospital, Heart and Lung Center, Department of Cardiology

Haartmaninkatu 4, PB 340, FIN-00029 HUS, Finland

Email: [mikko.jalanko@hus.fi](mailto:mikko.jalanko@hus.fi) / Tel: +358-9-4711 / Telefax: +358-9-471 74574

Download English Version:

<https://daneshyari.com/en/article/8957241>

Download Persian Version:

<https://daneshyari.com/article/8957241>

[Daneshyari.com](https://daneshyari.com)