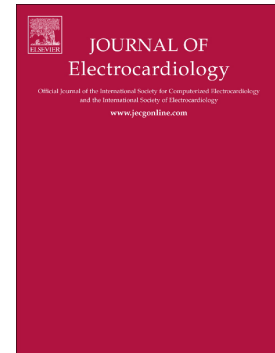


## Accepted Manuscript

The ability of the electrocardiogram in left bundle branch block to detect myocardial scar determined by cardiovascular magnetic resonance

Björn Wieslander, Xiaojuan Xia, Robert Jablonowski, Jimmy Axelsson, Igor Klem, Robin Nijveldt, Charles Maynard, Erik B. Schelbert, Peder Sörensson, Andreas Sigfridsson, Uzma Chaudhry, Pyotr G. Platonov, Rasmus Borgquist, Henrik Engblom, Jean-Philippe Couderc, David G. Strauss, Brett D. Atwater, Martin Ugander



PII: S0022-0736(18)30206-1  
DOI: [doi:10.1016/j.jelectrocard.2018.05.019](https://doi.org/10.1016/j.jelectrocard.2018.05.019)  
Reference: YJELC 52638

To appear in: *Journal of Electrocardiology*

Please cite this article as: Björn Wieslander, Xiaojuan Xia, Robert Jablonowski, Jimmy Axelsson, Igor Klem, Robin Nijveldt, Charles Maynard, Erik B. Schelbert, Peder Sörensson, Andreas Sigfridsson, Uzma Chaudhry, Pyotr G. Platonov, Rasmus Borgquist, Henrik Engblom, Jean-Philippe Couderc, David G. Strauss, Brett D. Atwater, Martin Ugander, The ability of the electrocardiogram in left bundle branch block to detect myocardial scar determined by cardiovascular magnetic resonance. Yjelc (2017), doi:[10.1016/j.jelectrocard.2018.05.019](https://doi.org/10.1016/j.jelectrocard.2018.05.019)

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.

**The ability of the electrocardiogram in left bundle branch block to detect myocardial scar determined by cardiovascular magnetic resonance**

Björn Wieslander MD PhD<sup>1</sup>, Xiaojuan Xia MS<sup>2</sup>, Robert Jablonowski MD PhD<sup>3</sup>,

Jimmy Axelsson<sup>1</sup>, Igor Klem MD<sup>4</sup>, Robin Nijveldt MD PhD<sup>5</sup>,

Charles Maynard PhD<sup>6</sup>, Erik B. Schelbert MD MS<sup>7</sup>, Peder Sörensson MD PhD<sup>1,8</sup>,

Andreas Sigfridsson PhD<sup>1</sup>, Uzma Chaudhry MBBS<sup>9</sup>, Pyotr G. Platonov MD PhD<sup>9</sup>,

Rasmus Borgquist MD PhD<sup>9</sup>, Henrik Engblom MD PhD<sup>3</sup>, Jean-Philippe Couderc PhD<sup>2</sup>,

David G. Strauss MD PhD<sup>1,10</sup>, Brett D. Atwater MD<sup>4</sup>, Martin Ugander MD PhD<sup>1</sup>

<sup>1</sup> Department of Clinical Physiology, Karolinska Institute, and Karolinska University Hospital, Stockholm, Sweden

<sup>2</sup> Heart Research Follow-Up Program, University of Rochester, NY, USA

<sup>3</sup> Department of Clinical Physiology and Nuclear Medicine, Skåne University Hospital, and Lund University, Lund, Sweden

<sup>4</sup> Division of Cardiology, Duke University Medical Center, Durham, NC, USA

<sup>5</sup> Department of Cardiology, VU University Medical Center, Amsterdam, the Netherlands

<sup>6</sup> Department of Health Services, University of Washington, Seattle, WA, USA

<sup>7</sup> University of Pittsburgh Medical Center, Pittsburgh, PA, USA

<sup>8</sup> Department of Cardiology, Karolinska University Hospital, Stockholm, Sweden

<sup>9</sup> Arrhythmia clinic, Skane University Hospital, and Department of Cardiology, Clinical Sciences, Lund University, Lund, Sweden

<sup>10</sup> Division of Applied Regulatory Science, Office of Clinical Pharmacology, Office of Translational Sciences, Center for Drug Evaluation and Research, US Food and Drug Administration, Silver Spring, MD, USA

Manuscript word count: 3409

Address for Correspondence:

Martin Ugander, MD, PhD, Associate Professor  
Department of Clinical Physiology, NKS C8:27  
Karolinska University Hospital, SE-17176, Stockholm, Sweden.  
E-mail: martin.ugander@gmail.com

Download English Version:

<https://daneshyari.com/en/article/8668720>

Download Persian Version:

<https://daneshyari.com/article/8668720>

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