

Accepted Manuscript

Cardiac Electrical Dyssynchrony is Accurately Detected by Noninvasive
Electrocardiographic Imaging

Laura R. Bear, PhD, Peter R. Huntjens, MSc, Richard Walton, PhD, Olivier Bernus,
PhD, Ruben Coronel, PhD, MD, Rémi Dubois, PhD



PII: S1547-5271(18)30135-8

DOI: [10.1016/j.hrthm.2018.02.024](https://doi.org/10.1016/j.hrthm.2018.02.024)

Reference: HRTM 7493

To appear in: *Heart Rhythm*

Received Date: 6 September 2017

Please cite this article as: Bear LR, Huntjens PR, Walton R, Bernus O, Coronel R, Dubois R, Cardiac Electrical Dyssynchrony is Accurately Detected by Noninvasive Electrocardiographic Imaging, *Heart Rhythm* (2018), doi: 10.1016/j.hrthm.2018.02.024.

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.

1 **Cardiac Electrical Dyssynchrony is Accurately Detected by Noninvasive**
2 **Electrocardiographic Imaging**

3 *Laura R Bear PhD^{1,2,3}, Peter R Huntjens MSc^{1,2,3,4}, Richard Walton PhD^{1,2,3}, Olivier Bernus PhD^{1,2,3},
4 Ruben Coronel PhD, MD^{1,5}, Rémi Dubois PhD^{1,2,3}

5 ¹Electrophysiology and Heart Modelling Institute (IHU-LIRYC), Fondation Bordeaux Université, France;

6 ²Université de Bordeaux, Centre de Recherche Cardio-Thoracique de Bordeaux U1045, France;

7 ³Inserm, U1045, Centre de Recherche Cardio-Thoracique de Bordeaux, France;

8 ⁴CARIM School for Cardiovascular Diseases, Maastricht University Medical Center, The Netherlands

9 ⁵Department of Experimental Cardiology, Academic Medical Center, The Netherlands

10 Short Title: ECGi Detection of Electrical Dyssynchrony

11 Word count: 4989/5000

12
13 The authors declare that there is no conflict of interest

14
15 *Dr Laura Bear

16 IHU-LIRYC, Avenue du Haut Lévêque, 33600 Pessac, France

17 laura.bear@ihu-liryc.fr

18 +33(0) 535 38 1967

19

Download English Version:

<https://daneshyari.com/en/article/8660140>

Download Persian Version:

<https://daneshyari.com/article/8660140>

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