

Accepted Manuscript



Automated 3-dimensional single beat real-time volume color-flow Doppler echocardiography in children: a validation study of right and left heart flows

Atsuko Kato, MD, Juan Pablo Sandoval, MD, Dariusz Mroczek, BioMed Eng, Rajiv Chaturvedi, MB BChir, MD, PhD, Helene Houle, BA, RCDS, RVT, RDMS, Bogdan Georgescu, PhD, Shi-Joon Yoo, MD, PhD, Lee N. Benson, MD, Kyong-Jin Lee, MD

PII: S0828-282X(18)30213-7

DOI: [10.1016/j.cjca.2018.03.001](https://doi.org/10.1016/j.cjca.2018.03.001)

Reference: CJCA 2764

To appear in: *Canadian Journal of Cardiology*

Received Date: 16 January 2018

Revised Date: 26 February 2018

Accepted Date: 4 March 2018

Please cite this article as: Kato A, Sandoval JP, Mroczek D, Chaturvedi R, Houle H, Georgescu B, Yoo S-J, Benson LN, Lee K-J, Automated 3-dimensional single beat real-time volume color-flow Doppler echocardiography in children: a validation study of right and left heart flows, *Canadian Journal of Cardiology* (2018), doi: 10.1016/j.cjca.2018.03.001.

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.

**Automated 3-dimensional single beat real-time volume color-flow Doppler
echocardiography in children: a validation study of right and left heart flows**

Atsuko Kato, MD¹; Juan Pablo Sandoval, MD¹; Dariusz Mroczek, BioMed Eng¹; Rajiv
Chaturvedi, MB BChir, MD, PhD¹; Helene Houle, BA, RCDS, RVT, RDMS³; Bogdan
Georgescu, PhD³; Shi-Joon Yoo, MD, PhD²; Lee N Benson, MD¹; Kyong-Jin Lee, MD¹

The Labatt Family Heart Centre¹ and the Department of Diagnostic Imaging², The Hospital for
Sick Children, University of Toronto School of Medicine, Toronto, Canada; and Siemens
Medical Solutions USA Inc, Mountain View, California³.

Short title: Stroke volume by real-time 3D echocardiography

Corresponding author

Kyong-Jin Lee, MD

The Hospital for Sick Children, 555 University Avenue, Toronto, M5G 1X8, Canada.

Download English Version:

<https://daneshyari.com/en/article/8604368>

Download Persian Version:

<https://daneshyari.com/article/8604368>

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