

# Correction to “Automatic Quality Assessment of Echocardiograms Using Convolutional Neural Networks: Feasibility on the Apical Four-Chamber View”

A. H. Abdi, C. Luong, T. Tsang, G. Allan, S. Nouranian, J. Jue, D. Hawley, S. Fleming, K. Gin, J. Swift, R. Rohling, and P. Abolmaesumi

In the above paper [1], the first footnote should have indicated the following information: A. H. Abdi and C. Luong are joint first authors.

The first footnote should have also indicated the following information: T. Tsang is the Director of the Vancouver General Hospital and University of British Columbia Echocardiography Laboratories, and Co-Principal Investigator of the CIHR-NSERC grant supporting this work.

Manuscript received October 28, 2016; revised March 17, 2017; accepted March 29, 2017. Date of publication April 4, 2017; date of current version June 1, 2017. This work was supported in part by the Natural Sciences and Engineering Research Council and in part by the Canadian Institutes of Health Research. (A. H. Abdi and C. Luong are co-first authors.) Asterisk indicates corresponding author.

A. H. Abdi, G. Alan, and S. Nouranian are with the Department of Electrical and Computer Engineering, The University of British Columbia, Vancouver, BC V6T 1Z4, Canada.

C. Luong, T. Tsang, J. Jue, D. Hawley, S. Fleming, K. Gin, and J. Swift are with Vancouver General Hospital’s Echocardiography Laboratory, Vancouver, BC V5Z 1M9, Canada.

R. Rohling is with the Department of Electrical and Computer Engineering, The University of British Columbia, Vancouver, BC V6T 1Z4, Canada, and also with the Department of Mechanical Engineering, The University of British Columbia, Vancouver, BC V6T 1Z4, Canada.

\*P. Abolmaesumi is with the Department of Electrical and Computer Engineering, The University of British Columbia, Vancouver, BC V6T 1Z4, Canada (e-mail: purang@ece.ubc.ca).

## REFERENCES

- [1] A. H. Abdi *et al.*, “Automatic quality assessment of echocardiograms using convolutional neural networks: Feasibility on the apical four-chamber view,” *IEEE Trans. Med. Imag.*, vol. 36, no. 6, pp. 1221–1230, Jun. 2017.

Manuscript received August 16, 2017. Date of current version August 31, 2017.

A. H. Abdi, G. Allan, and S. Nouranian are with the Department of Electrical and Computer Engineering, The University of British Columbia, Vancouver, BC V6T 1Z4, Canada.

C. Luong, T. Tsang, J. Jue, D. Hawley, S. Fleming, K. Gin, and J. Swift are with Vancouver General Hospital’s Echocardiography Laboratory, Vancouver, BC V5Z 1M9, Canada.

R. Rohling is with the Department of Electrical and Computer Engineering, The University of British Columbia, Vancouver, BC V6T 1Z4, Canada, and also with the Department of Mechanical Engineering, The University of British Columbia, Vancouver, BC V6T 1Z4, Canada.

P. Abolmaesumi is with the Department of Electrical and Computer Engineering, The University of British Columbia, Vancouver, BC V6T 1Z4, Canada (e-mail: purang@ece.ubc.ca).

Digital Object Identifier 10.1109/TMI.2017.2741762