

University of Groningen



Corrigendum: Normal Values of Corrected Heart-Rate Variability in 10-Second Electrocardiograms for All Ages

van den Berg, Marten E.; Rijnbeek, Peter R.; Niemeijer, Maartje N.; Hofman, Albert; van Herpen, Gerard; Bots, Michiel L.; Hillege, Hans; Swenne, Cees A.; Eijgelsheim, Mark; Stricker, Bruno H. *Published in:* Frontiers in Physiology

DOI: 10.3389/fphys.2019.01373

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version Publisher's PDF, also known as Version of record

Publication date: 2019

Link to publication in University of Groningen/UMCG research database

Citation for published version (APA): van den Berg, M. E., Rijnbeek, P. R., Niemeijer, M. N., Hofman, A., van Herpen, G., Bots, M. L., Hillege, H., Swenne, C. A., Eijgelsheim, M., Stricker, B. H., & Kors, J. A. (2019). Corrigendum: Normal Values of Corrected Heart-Rate Variability in 10-Second Electrocardiograms for All Ages. *Frontiers in Physiology*, *10*, [1373]. https://doi.org/10.3389/fphys.2019.01373

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: https://www.rug.nl/library/open-access/self-archiving-pure/taverneamendment.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.





Corrigendum: Normal Values of Corrected Heart-Rate Variability in 10-Second Electrocardiograms for All Ages

Marten E. van den Berg¹, Peter R. Rijnbeek¹, Maartje N. Niemeijer², Albert Hofman², Gerard van Herpen¹, Michiel L. Bots³, Hans Hillege⁴, Cees A. Swenne⁵, Mark Eijgelsheim^{2,6}, Bruno H. Stricker^{2,7,8} and Jan A. Kors^{1*}

OPEN ACCESS

Approved by:

Frontiers Editorial Office, Frontiers Media SA, Switzerland

*Correspondence:

Jan A. Kors j.kors@erasmusmc.nl

Specialty section:

This article was submitted to Clinical and Translational Physiology, a section of the journal Frontiers in Physiology

> Received: 14 October 2019 Accepted: 16 October 2019 Published: 01 November 2019

Citation:

van den Berg ME, Rijnbeek PR, Niemeijer MN, Hofman A, van Herpen G, Bots ML, Hillege H, Swenne CA, Eijgelsheim M, Stricker BH and Kors JA (2019) Corrigendum: Normal Values of Corrected Heart-Rate Variability in 10-Second Electrocardiograms for All Ages. Front. Physiol. 10:1373. doi: 10.3389/fphys.2019.01373 ¹ Department of Medical Informatics, Erasmus University Medical Center, Rotterdam, Netherlands, ² Department of Epidemiology, Erasmus University Medical Center, Rotterdam, Netherlands, ³ Julius Center for Health Sciences and Primary Care, University Medical Center Utrecht, Utrecht, Netherlands, ⁴ Department of Cardiology, University Medical Center Groningen, Groningen, Netherlands, ⁵ Department of Cardiology, Leiden University Medical Center, Leiden, Netherlands, ⁶ Department of Internal Medicine, University Medical Center Groningen, Groningen, Netherlands, ⁷ Department of Internal Medicine, Erasmus University Medical Center, Rotterdam, Netherlands, ⁸ Health and Youth Care Inspectorate, Utrecht, Netherlands

Keywords: electrocardiography, heart-rate variability, normal values, heart-rate correction, children, adults, elderly

A Corrigendum on

Normal Values of Corrected Heart-Rate Variability in 10-Second Electrocardiograms for All Ages

by van den Berg, M. E., Rijnbeek, P. R., Niemeijer, M. N., Hofman, A., van Herpen, G., Bots, M. L., et al. (2018). Front. Physiol. 9:424. doi: 10.3389/fphys.2018.00424

In the original article, there was a mistake in **Table S5** as published. The normal values for "SDNN" were given instead of for "RMSSD." The corrected **Table S5** appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

Copyright © 2019 van den Berg, Rijnbeek, Niemeijer, Hofman, van Herpen, Bots, Hillege, Swenne, Eijgelsheim, Stricker and Kors. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

1

Age group	2 nd	5 th	10 th	25 th	50 th	75 th	90 th	95 th	98 th
< 1 month	56.9	70.8	85.5	116.1	161.9	225.9	307.2	371.6	463.9
1 to 3 months*	56.6	70.5	85.1	115.5	161.1	224.9	305.9	370.1	462.2
3 to 6 months	56.0	69.7	84.2	114.4	159.6	222.8	303.3	367.0	458.6
6 to 12 months	55.1	68.6	82.9	112.7	157.3	219.8	299.4	362.5	453.2
1 to 3 years	52.1	65.0	78.7	107.2	150.0	210.0	286.7	347.7	435.8
3 to 5 years	47.6	59.7	72.4	98.9	138.9	195.1	267.3	325.2	409.4
5 to 8 years	42.5	53.5	65.1	89.4	126.0	177.8	244.8	298.9	378.3
8 to 12 years	36.1	45.9	56.1	77.5	109.7	155.7	215.8	265.0	338.1
12 to 16 years	30.1	38.5	47.3	65.7	93.6	133.6	186.7	230.7	297.1
16 to 20 years	25.3	32.6	40.3	56.2	80.4	115.3	162.1	201.5	261.8
20 to 30 years	19.8	25.6	31.7	44.5	63.7	91.6	129.5	162.0	212.9
30 to 40 years	15.3	19.7	24.2	33.6	47.7	68.2	96.2	120.3	158.4
40 to 50 years	12.1	15.3	18.6	25.4	35.8	50.8	71.5	89.6	118.5
50 to 60 years	9.5	11.9	14.4	19.5	27.3	38.9	55.5	70.5	95.6
60 to 70 years	8.0	9.9	11.9	16.1	22.6	32.7	48.2	63.6	92.2
70 to 80 years	7.0	8.8	10.6	14.4	20.3	30.2	47.2	66.9	112.1
80 to 90 years	6.3	8.1	9.8	13.5	19.2	29.3	49.7	78.4	166.7

*The term "to" specifies the upper limit in the sense of "less than".