

CORRECTION

Open Access



Correction: Transfusion strategies in patients with acute coronary syndrome and anemia: a meta-analysis

Usama Nasir^{1*} , Tayyab Ali Waheed², Keerat Rai Ahuja², Charnjeet Singh Sandhu², Muhammad Ameen² and Earl J. Hope³

Correction to: *The Egyptian Heart Journal* (2022) 74:17

<https://doi.org/10.1186/s43044-022-00252-2>

Following publication of the original article [1], the authors identified a typesetting error in Table 1. The

correctly formatted table is given below. The original article [1] has been corrected.

The original article can be found online at <https://doi.org/10.1186/s43044-022-00252-2>.

*Correspondence: Usama.n90@gmail.com

¹ Department of Internal Medicine, Reading Hospital-Tower Health, Sixth and Spruce Streets, West Reading, PA 19612, USA

Full list of author information is available at the end of the article



© The Author(s) 2022. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

Table 1 Baseline study characteristics

| Study | LTS (n) | RTS (n) | Definition of RTS and LTS | Key inclusion criteria | Key exclusion criteria | Types of ACS | Follow-up duration | Outcomes of interest |
|---------------------------------|---------|---------|--|---|---|------------------------|--------------------|--|
| Cooper et al./CRIT 2011 [4] | 21 | 24 | LTS: hematocrit < 30% with post-transfusion goal of 30–33% RTS: hematocrit < 24% with post-transfusion goal 24–27% | AMI (ischemic-type chest discomfort) lasting ≥ 30 min and associated with a creatine kinase-MB (CK-MB) or cardiac troponin level above the upper limit of normal. Hematocrit ≤ 30% within 72 h of symptom onset | Age < 21; non-coronary cause for clinical syndrome; active bleeding; RBC transfusion within 7 days of enrollment; imminent death; pregnancy | STE/NSTE | 1 month | All-cause mortality; in-hospital mortality; recurrent MI/ACS; 30-day mortality |
| Carson et al. 2013 [5] | 55 | 55 | LTS: < 10 g/dl with post-transfusion goal > 10 g/dl RTS: < 8 g/dl or symptomatic for post-transfusion goal > 8 g/dl | Age ≥ 18; STEMI, NSTEMI, unstable angina, stable CAD undergoing cardiac catheterization; Hb < 10 g/dl at the time of random allocation | Hgb > 10; symptoms of anemia at the time of randomization; cardiac surgery within 30 days; severe illness; Ventilated/intubated; hemodynamic instability | STE/NSTE/stable angina | 1 month | All-cause mortality; in-hospital mortality; recurrent MI/ACS; 30-day mortality |
| Ducrocq et al. 2021/REALITY [6] | 324 | 342 | LTS: ≤ 10 g/dl, with post-transfusion goal ≥ 11 g/dl RTS: ≤ 8 g/dl, with post-transfusion goal 8–10 g/dl | Age ≥ 18; AMI (with or without ST-segment elevation with a combination of ischemic symptoms occurring in the 48 h before admission and elevation of biomarkers, and Hb 7–10 g/dl) | Shock; MI occurring after PCI or CABG; life-threatening or massive ongoing bleeding; blood transfusion in the past 30 days; malignant hematologic disease | STE/NSTE | 1 month | All-cause mortality; in-hospital mortality; recurrent MI/ACS; 30-day mortality |

LTS liberal transfusion strategy, RTS restrictive transfusion strategy, AMI acute myocardial infarction, MI myocardial infarction, ACS acute coronary syndrome, STE/ST elevation, NSTE non-ST elevation, CAD coronary artery disease, CK creatinine kinase

Author details

¹Department of Internal Medicine, Reading Hospital-Tower Health, Sixth and Spruce Streets, West Reading, PA 19612, USA. ²Department of Cardiology, Reading Hospital-Tower Health, Reading, PA, USA. ³Department of Cardiology and Interventional Cardiology, Reading Hospital-Tower Health, Reading, PA, USA.

Published online: 04 April 2022

Reference

1. Nasir U, Waheed TA, Ahuja KR et al (2022) Transfusion strategies in patients with acute coronary syndrome and anemia: a meta-analysis. *Egypt Heart J* 74:17. <https://doi.org/10.1186/s43044-022-00252-2>

Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.