



## The frame of survival for cardiopulmonary resuscitation in lower resource settings

### Authors' reply

We thank Gayathri Devi Nadarajan and Marcus Ong Eng Hock for their Correspondence regarding our Health Policy paper on resuscitation in low-resource settings<sup>1</sup>—starting a discussion is wonderful. We fully agree that an even more diverse list of authors in terms of nationality, resource setting, age, gender, and profession would have been desirable, and, as described in our publication, we aim to extend the working group of the upcoming statement of the International Liaison Committee on Resuscitation. Since publication, we have conducted several meetings with representatives from various regions and organisations and individuals from a diverse group of global specialists. Furthermore, in early November, 2023, the topic of the effects and importance of resuscitation in low-resource settings was discussed at one of the largest global congresses on resuscitation, which usually only deals with high-resource settings.<sup>2</sup> Moreover, a webinar has been conducted with around 100 participants from all continents.<sup>3</sup> Although these steps might only be a start, researchers, clinicians, and health-care stakeholders from all resource settings are slowly coming together, starting a new era of mutual understanding, and leaving the previous somewhat colonial approach behind to improve survival for those who need immediate care and treatment.

Nadarajan and Hock mention the chainmail of survival that we proposed as an adaptive, novel system of resuscitation in not only all resource settings in low-income and middle-income countries, but also in high-income countries (eg, in areas of rough terrain).<sup>1</sup> As suggested, our chainmail

already includes first responder systems and professional dispatch and it is completely adaptive to many other essential items or challenges that various resource settings might present. We are humbled by the positive reception of our new proposal to visualise all components needed for successful resuscitation.

Finally, we ask readers to see our work for what it is: a first foray towards truly global applicability of recommendations regarding cardiopulmonary resuscitation and overall implementation at a local level. An initial step that, per definition, cannot be perfect. Given the benefit of the doubt, we are confident that the next steps will follow.

We declare no competing interests.

Copyright © 2024 The Author(s). Published by Elsevier Ltd. This is an Open Access article under the CC BY-NC-ND 4.0 license.

\**Sebastian Schnaubelt, Robert Greif, Koenraad G Monsieurs*  
**sebastian.schnaubelt@mov.ac.at**

Education, Implementation, and Teams Task Force, International Liaison Committee on Resuscitation (SS, RG, KGM); European Resuscitation Council, Niel, Belgium (SS, RG, KGM); Department of Emergency Medicine, Medical University of Vienna, Vienna 1090, Austria (SS); Department of Emergency Medicine, Antwerp University Hospital, Edegem, Belgium (SS, KGM); University of Antwerp, Edegem, Belgium (SS, KGM); University of Bern, Bern, Switzerland (RG); School of Medicine, Sigmund Freud University Vienna, Vienna, Austria (RG); University of Antwerp, Antwerp, Belgium (KGM)

- 1 Schnaubelt S, Garg R, Atiq H, et al. Cardiopulmonary resuscitation in low-resource settings: a statement by the International Liaison Committee on Resuscitation, supported by the AFEM, EUSEM, IFEM, and IFRC. *Lancet Glob Health* 2023; **11**: e1444–53.
- 2 European Resuscitation Council. The European Resuscitation Council Congress – Resuscitation 2023, 2–4 November, Barcelona, Spain: Scientific Programme. <https://www.resuscitation.eu/scientific-programme> (accessed Nov 11, 2023).
- 3 International Liaison Committee on Resuscitation. Webinar on 'resuscitation in low-resource setting'. European Resuscitation Council. Oct 12, 2023. <https://www.youtube.com/watch?v=9b8a72ERnBo> (accessed Nov 11, 2023).