



ELSEVIER

# Colombian Journal of Anesthesiology

## Revista Colombiana de Anestesiología

[www.revcolanest.com.co](http://www.revcolanest.com.co)


### Letter to the Editor

## Promoting perioperative registries in Latin America: More questions than answers<sup>☆</sup>



## Incentivando la construcción de registros perioperatorios en Latinoamérica: más preguntas que respuestas

One of the main reasons for promoting the creation of registries in medicine is to monitor different approaches and their impact on adverse patient outcomes that affect quality of life or the probability of dying. Additionally, registries create the ability to implement comprehensive supervision, potentiating improved healthcare as a starting point for local, or even higher level changes, as is the case in countries like the United States<sup>1</sup> and Norway.<sup>2</sup>

The reliability of a registry in revealing the true cause of these events depends on the operating system used and its ability to identify errors in data entry. In turn, this depends on the expertise of the individuals in charge of the development.<sup>3</sup> It is important for the participants in a registry to recognize the inevitability of errors, to know how to report them, and to develop strategies to address them, because there is no doubt that underreporting and no notification are the main limitations.<sup>4</sup>

We are currently building a prospective registry for major non-cardiac surgery. Our biggest challenge is to attempt to capture the data that is potentially lost because of the presence in the operating rooms of independent staff. We will focus on recording 100% of those data. We hope that, in the near future, more institutions in our continent will work on the development of these databases, in order to foster collaborative research.

### Funding

The authors did not receive sponsorship to carry out this article.

### Conflicts of interest

The authors have no conflicts of interest to declare.

### REFERENCES

1. Nunnally ME, O'Connor MF, Kordylewski H, Westlake B, Dutton RP. The incidence and risk factors for perioperative cardiac arrest observed in the national anesthesia clinical outcomes registry. *Anesth Analg.* 2015;120:364-70.
2. Talsnes O, Vinje T, Gjertsen JE, Dahl OE, Engesaeter LB, Baste V, et al. Perioperative mortality in hip fracture patients treated with cemented and uncemented hemiprostheses: a register study of 11,210 patients. *Int Orthop.* 2013;37:1135-40.
3. Staender S. Incident reporting in anaesthesiology. *Best Pract Res Clin Anaesthesiol.* 2011;25:207-14.
4. Metzner J, Posner KL, Lam MS, Domino KB. Closed claims' analysis. *Best Pract Res Clin Anaesthesiol.* 2011;25:263-76.

Fredy Ariza\*, Luisa F. Novoa, Darío Castaño

Fundación Valle del Lili, Cali, Colombia

\* Corresponding author at: Av. Simón Bolívar, Cra. 98 No. 18-49, Cali, Colombia.

E-mail address: [fredyariza@hotmail.com](mailto:fredyariza@hotmail.com) (F. Ariza).

2256-2087/© 2016 Sociedad Colombiana de Anestesiología y Reanimación. Published by Elsevier España, S.L.U. All rights reserved.

<sup>☆</sup> Please cite this article as: Ariza F, Novoa LF, Castaño D. Incentivando la construcción de registros perioperatorios en Latinoamérica: más preguntas que respuestas. *Rev Colomb Anestesiolog.* 2016;44:182. 2256-2087