





## LETTER TO THE EDITOR

Response to the Letter to the Editor – ''The PARADIGM-HF population may be very different from real-world heart failure patients''

Resposta à Carta ao Editor «A população do PARADIGM-HF pode ser muito diferente do mundo real dos doentes com insuficiência cardíaca»

## To the Editor:

As highlighted by our analysis,<sup>1</sup> the epidemiological study in Lima<sup>2</sup> pertinently quoted by Walter Calderón, and another two large registries,<sup>3,4</sup> patients from randomized trials are frequently different from those found in our daily practice. However, the results of the PARADIGM-HF trial are changing and will continue to change the way we treat patients with heart failure and reduced ejection fraction.

Recently, the TRANSITION trial demonstrated the safety of sacubitril/valsartan when initiated prior to discharge from hospitalization for heart failure, achieving similar titration rates (62% vs. 68%),<sup>5</sup> and PIONEER-HF showed that in-hospital initiation of sacubitril/valsartan further reduced NT-proBNP values (ratio of NT-proBNP at week 4 and 8 to baseline value: 0.53 vs. 0.75).<sup>6</sup>

Concluding, different pieces of an intricate puzzle are coming together, contributing to the widespread adoption of neuromodulation in patients with heart failure and reduced ejection fraction.

## Conflicts of interest

The authors have no conflicts of interest to declare.

## References

- 1. Rodrigues G, Tralhao A, Aguiar C, et al. Is the PARADIGM-HF cohort representative of the real-world heart failure patient population? Rev Port Cardiol. 2018;37:491–6.
- Pariona M, Segura Saldana PA, Padilla Reyes M, et al. Epidemiological clinical characteristics of acute cardiac insufficiency in a tertiary hospital in Lima, Peru. Rev Peru Med Exp Sal Publ. 2017;34:655–9.
- **3.** Pellicori P, Urbinati A, Shah P, et al. What proportion of patients with chronic heart failure are eligible for sacubitril-valsartan? Eur J Heart Failure. 2017;19:768–78.
- **4.** Norberg H, Bergdahl E, Lindmark K. Eligibility of sacubitrilvalsartan in a real-world heart failure population: a communitybased single-centre study. ESC Heart Failure. 2018;5:337–43.
- Pascual-Figal D, Wachter R, Senni M, et al. Rationale and design of TRANSITION: a randomized trial of pre-discharge vs. postdischarge initiation of sacubitril/valsartan. ESC Heart Failure. 2018;5:327–36.
- Velazquez EJ, Morrow DA, DeVore AD, et al. Angiotensinneprilysin inhibition in acute decompensated heart failure. N Engl J Med. 2018.

Gustavo Rodrigues\*, António Tralhão, Carlos Aguiar, Pedro Freitas, António Ventosa, Miguel Mendes

Hospital de Santa Cruz, CHLO, Lisbon, Portugal

\* Corresponding author.

*E-mail address:* gustavo\_rodrigues17@hotmail.com (G. Rodrigues).

2174-2049/© 2019 Sociedade Portuguesa de Cardiologia. Published by Elsevier España, S.L.U. This is an open access article under the CC BY-NC-ND license (http://creativecommons.org/licenses/by-nc-nd/4.0/).