



Universiteit  
Leiden  
The Netherlands

## Clinical aspects and pathophysiological mechanisms of (systemic) right ventricular failure

Zandstra, T.E.

### Citation

Zandstra, T. E. (2023, June 29). *Clinical aspects and pathophysiological mechanisms of (systemic) right ventricular failure*. Retrieved from <https://hdl.handle.net/1887/3628226>

Version: Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/3628226>

**Note:** To cite this publication please use the final published version (if applicable).

## Stellingen behorend bij het proefschrift getiteld

### Clinical aspects and pathophysiological mechanisms of (systemic) right ventricular failure

1. Knowledge regarding cardiac innervation and the asymmetry therein, is crucial for understanding and treating cardiac disease (this thesis).
2. In patients with a systemic RV, a reduced heart rate variability may precede clinically overt heart failure, despite a preserved echocardiographic systemic RV function (this thesis).
3. The use of sacubitril/valsartan is a promising treatment option in systemic right ventricular failure (this thesis).
4. Despite important challenges in echocardiography of the systemic RV, several parameters can be reliably assessed and correlate well with the gold standard of cardiac magnetic resonance imaging (this thesis).
5. The population of patients with a systemic RV is aging with an annual increasing risk of major cardiac complications, justifying ongoing research for treatment opportunities (Sabbah et al, Front Cardiovasc Med. 2023 Jan 10;9:1064196)
6. Conscientious evaluation of subpulmonary LV function should be a part of the routine follow-up of patients with a systemic RV (Surkova et al, Int J Cardiol. 2021 Feb 1;324:66-71).
7. Quality of life and work-related issues should not be neglected in patients with a systemic RV. Questionnaires regarding health-related quality of life could be an appropriate starting point for a conversation regarding these topics between patients and caregivers (Moons et al, Can J Cardiol. 2021 Feb;37(2):215-223, en Kamphuis et al, Arch Pediatr Adolesc Med. 2002 Nov;156(11):1143-8).
8. In congenital heart disease and especially conditions as rare as the systemic RV, the value of case reports and case series should not be underestimated.
9. One of the most important scientific responsibilities is the ongoing publication of negative findings of well-planned research (Weintraub, J Insect Sci. 2016 Oct 23;16(1):109).
10. We should strive for 100% open access of scientific publications.
11. Behandel ze als mensen en ze zullen zich gedragen als mensen (Rutger Bregman, *de meeste mensen deugen*). Dit geldt voor gevangenen maar zeker ook voor collega's.
12. The presence of those seeking the truth is infinitely preferable to the presence of those who think they've found it (Terry Pratchett, *Monstrous Regiment*). Hypotheses zijn er ook om verworpen te worden, in plaats van alleen aangetoond.