

Turkish Journal of Health Science and Life

Incidence of post-pericardiotomy syndrome after open heart surgery

Ersin Çelikai, Ahmet Rıfkı Çorab

^{a,b}Department of Cardiovascular Surgery, Isparta City Hospital/Isparta/Türkiye.

ARTICLE INFO

LETTER TO EDITOR

Article history: Received: 19 August 2023 Accepted: 19 August 2024

Available : 30 April 2025

ahttps://orcid.org/0000-0002-0015-3280 https://orcid.org/0000-0002-4892-9463

*Correspondence: Ersin Çelik

Isparta City Hospital Cardiovascular Surgery Clinic Sanayi Mahallesi Atatük Bulvarı NO:51 Isparta, 32200, Türkiye

e-mail: dr.ersincelik@gmail.com

Turkish Journal of Health Science and Life 2025, Vol.8, No.1, 28..

Dear Editor,

Congratulations to the authors for their effort(1). As noted by the authors, post-pericardiotomy syndrome (PPS) is a frequent complication after open heart surgery, increasing morbidity and mortality.

Maranta et al. reported a PPS rate of 15%-30% in their newly published literature review (2). Lehto et al. (3) reported PPS of 550 (2.46%) in 22373 disease studies, and Imazio et al. (4) reported 54 (15%) PPS in case series of 360 patients. In this article, the authors reported 132 (57.89%) PPS in their case series of 228 patients. We believe that this difference with the literature should be explained, or at least discussed.

Key words: post pericardiotomi syndrome, open heart surgery

Conflicting Interests Statement

The authors declared no conflicts of interest with respect to the authorship or publication of this article.

Funding

The authors received no financial support for the research or the authorship of this article.

REFERENCES

- 1. Çayırlı S, Mutlu B, Rahman ÖF, Gülaştı S, Durmaz S, Güngör H. Old complication, new marker: the relationship between the systemic immune-inflammation index and post-pericardiotomy syndrome. Turkish Journal of Health Science and Life, 2023, 6.1: 16-22.
- 2. Maranta F, Cianfanelli L, Grippo R, Alfieri O, Cianflone D, Imazio M. Post-pericardiotomy syndrome: insights into neglected postoperative issues. European journal of cardio-thoracic surgery: official journal of the European Association for Cardio-thoracic Surgery. 2022;61 (3):505-14.
- 3. Lehto J, Kiviniemi TO, Gunn J, et al. Occurrence of postpericardiotomy syndrome admissions: A populationbased registry study. Ann Med. 2016;48(1-2): 28–33.
- 4. Imazio M, Brucato A, Rovere ME, et al. Contemporary features, risk factors, & and prognosis of the postpericardiotomy syndrome. Am J Cardiol. 2011;108:1183–1187.