

Reply to Letter to the Editor: "Physiotherapy and Nursing Intervention in Transcatheter Tricuspid Valve Replacement"

To the Editor,

We thank the authors for their interest in our article¹ and for sharing their clinical experience with the patients receiving transcatheter tricuspid valve replacement (TTVR) with LuX-Valve in perioperative physiotherapy and nursing intervention.

Their study enrolled 25 patients (21 females; 68.2 years) with severe tricuspid regurgitation (TR) and attributed them to a high risk for surgical intervention. As a result, these patients have been admitted to nursing intervention during the perioperative period of TTVR. This includes preoperative education on thoracic expansion exercises, effective cough, and inspiratory muscle training protocol at 50% of maximal inspiratory pressure for at least 3 days, and preoperative and postoperative nutrition support.

Compared to the preoperative status, they showed a remarkable improvement regarding 100% technical success with the implantation of a single valve in the appropriate position, with no residual TR. Furthermore, with the help of physiotherapy and nursing intervention, the length of the intensive care unit stay was shortened, the incidence of pulmonary complications was reduced, and the Kansas City Cardiomyopathy Questionnaire score reached a reasonable level.

These results suggest that perioperative physiotherapy and nursing intervention are feasible approaches in TTVR. Nevertheless, they will significantly contribute to the literature if their findings are presented statistically.

REFERENCE

1. Buğan B, Çekirdekçi Eİ, Onar LÇ, Barçın C. Transcatheter tricuspid valve replacement for tricuspid regurgitation: a systematic review and meta-analysis. *Anatol J Cardiol.* 2022;26(7):505-519. [\[CrossRef\]](#)

LETTER TO THE EDITOR REPLY

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