





## The opinion of healthcare professionals on the importance of teamwork during the treatment of cardiac patients

 **Antonela Barišić\***,  
 **Patricija Tomašković,**  
 **Željka Božić,**  
 **Martina Žderić**

University Hospital Centre  
„Sestre milosrdnice“, Zagreb,  
Croatia

**KEYWORDS:** team, cardiology treatment, communication.

**CITATION:** Cardiol Croat. 2025;20(11-12):304. | <https://doi.org/10.15836/ccar2025.304>

**\*ADDRESS FOR CORRESPONDENCE:** Antonela Barišić, Klinički bolnički centar Sestre milosrdnice, Vinogradska cesta 29, HR-10000 Zagreb, Croatia. / Phone: +385-1-3787-733 / E-mail: [antonela.130697@gmail.com](mailto:antonela.130697@gmail.com)

**ORCID:** Antonela Barišić, <https://orcid.org/0000-0002-3558-2034> • Patricija Tomašković, <https://orcid.org/0009-0005-4487-0942> Željka Božić, <https://orcid.org/0000-0003-4574-0793> • Martina Žderić, <https://orcid.org/0009-0004-6233-656X>

**Introduction:** Teamwork is one of the most important and challenging aspects of working in the healthcare system. Cardiological treatment of patients implies dynamism, speed, dexterity, skills and knowledge of healthcare professionals<sup>1</sup>. The roles in the team chain should be adequately distributed, coordinated as a team, determined by time, and the size of the team must be optimal. Different cardiology departments and extensive treatment require the involvement of different experts, the functionality and good structure of the department, and adequate communication<sup>2</sup>.

**Methods:** The study was conducted in the University Hospital Centre „Sestre milosrdnice“ at the Clinic for Diseases of the Heart and Blood Vessels from March 30 to April 15, 2025. The study was attended by (N=79) nurses/technicians (85%), physiotherapists (7%), caregivers (4%) and radiology technicians (4%). The emphasis is on the nurse as a team leader. This study used a questionnaire consisting of 16 questions in two parts: functionality and leadership of the department and communication among respondents in the department. The questionnaire was translated and modified from the survey questionnaire – Team Steps Teamwork Perceptions Questionnaire.

**Results:** The results of research show that the majority of nurses/technicians are university-educated with the necessary experience and competencies. The function and leadership were evaluated satisfactorily in all segments; a certain part of respondents is less satisfied with the transfer of information by the manager or with each other and with the resolution of conflict situations. The results show satisfaction with teamwork, functionality and distribution of roles, emphasize the essentiality and expediency of the team. The survey shows that the team members agree with each other and support each other, correct each other, support and successfully resolve conflict situations.

**Conclusion:** Teamwork is the most widespread form of work group when solving problems. When establishing a team, the goal, the size of the team, the division of roles and responsibilities and the time frame of the team duration are very important.<sup>3</sup> The goal must be the same for everyone, and everyone must strive to achieve that goal. The size and structure of the team must correspond to the complexity of the problem/goal that must be met. Roles and responsibilities are the most important aspects that must be adopted on the basis of character traits, abilities, experience, competence and the like<sup>3</sup>.

**RECEIVED:**  
September 10, 2025

**ACCEPTED:**  
October 22, 2025



### LITERATURE

1. Kalisch BJ, Lee KH. The impact of teamwork on missed nursing care. Nurs Outlook. 2010 Sep-Oct;58(5):233-41. <https://doi.org/10.1016/j.outlook.2010.06.004>
2. Alsabri M, Boudi Z, Lauque D, Dias RD, Whelan JS, Östlundh L, et al. Impact of Teamwork and Communication Training Interventions on Safety Culture and Patient Safety in Emergency Departments: A Systematic Review. J Patient Saf. 2022 Jan 1;18(1):e351-e361. <https://doi.org/10.1097/PTS.0000000000000782>
3. Herceg M. Creative problem solving and teamwork [Internet]. Varaždin: University of Zagreb, Faculty of Organization and Informatics; 2022 [cited 2025 Jun 2]. Available from: <https://urn.nsk.hr/urn:nbn:hr:211:134125>