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### Teamwork in cardiac rehabilitation

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## EDITORIAL ARTICLE

## TEAMWORK IN CARDIAC REHABILITATION

Teamwork is globally recognized as a key tool for running an efficient healthcare delivery system. A group is defined as a set of two or more individuals interacting dynamically, interdependent to a common goal and assigned to certain roles or functions to perform at a predetermined time. In literature, "teamwork" has been distinguished by "taskwork"; as "taskwork" represents *what* teams are doing, whereas teamwork describes *how* they are doing it with each other".<sup>1,2</sup>

In health field, an effective team is a group whose members -including patient- communicate with each other, reporting their observations, their experience and their decisions in order to achieve the best quality of health care.<sup>1</sup>

In recent years, healthcare has changed a lot; is focused on patient safety, effective communication between healthcare group-patient, and finally on patient's involvement in the decision-making process. It is of utmost importance to develop successful health care groups with specific characteristics. In particular, team members must have specialized knowledge and skills and work efficiently under conditions of great workload. In addition, they are aware of their role and the roles of other members in the group and interact with each other to achieve a common goal. Finally, they should be able to make supportive decisions for patient's benefit.

The most important role in the healthcare group is the leadership which is called upon to give members a common orientation by cultivating a climate of mutual co-operation, trust and effective communication.<sup>3</sup>

Communication is essential and reflects the basis for effective teamwork and there are many strategies such as education and training programs aimed at improving it. In clinical practice, a very important strategy is the development of protocols, clinical guidelines and checklists that in conjunction with group meetings can identify problems evaluate and redefine clinical practices for the benefit of the patient.<sup>4-6</sup>

As for cardiac rehabilitation process, during the last decades, rehabilitation programs are receiving increasing attention by many researchers. The main reason for this upcoming interest is that rehabilitation maintains or improves both physiologic and psychosocial patient outcomes. Cardiac rehabilitation programmes are designed to limit the physiological and psychological effects of cardiac illness, control cardiac symptoms, stabilize or reverse the atherosclerotic process, and reduce the risk of sudden death. The cardiac rehabilitation team includes

cardiologist, community cardiologist, physician, or general practitioner, nurse specialist, physiotherapist, dietitian, exercise specialist and psychologist. Health care professionals are working together aiming at encouraging patient to change health behavior and lifestyle (promote physical activity, healthy diet, smoking cessation) and comply with cardioprotective therapies.<sup>7-9</sup>

In conclusion, researchers underline that cardiac rehabilitation programs are an important strategy in comprehensive cardiac health care because they have been shown to reduce patient mortality and hospital readmission. At the same time improvement in psychological wellbeing and quality of life is observed. Effective teamwork among healthcare professionals in cardiac rehabilitation process requires specific cognitive, technical, and affective competence and can positively influence the quality of health care provided by creating an environment of clinical care excellence.<sup>10,11</sup>

## References

1. Morguelan B. Recognizing the elixir of excellent patient care: nurse-physician relationships. *Beginnings* 2013;33(2):10-2.
2. McEwan D, Ruissen GR, Eys MA, Zumbo BD, Beauchamp MR. The Effectiveness of Teamwork Training on Teamwork Behaviors and Team Performance: A Systematic Review and Meta-Analysis of Controlled Interventions. *PLoS One*. 2017 Jan 13;12(1):e0169604.
3. Morguelan B. Recognizing the elixir of excellent patient care: nurse-physician relationships. *Beginnings* 2013;33(2):10-2.
4. Babiker A, El Hussein M, Al Nemri A, Al Frayh A, Al Juryyan N, Faki MO, Assiri A, Al Saadi M, Shaikh F, Al Zamil F. Health care professional development: Working as a team to improve patient care. *Sudan J Paediatr* 2014;14(2):9-16.
5. Gluyas H. Effective communication and teamwork promotes patient safety. *Nurs Stand* 2015;29(49):50-7.
6. Ndoro S. Effective multidisciplinary working: the key to high-quality care. *Br J Nurs* 2014;23(13):724-7.
7. Dalal HM, Doherty P, Taylor RS. Cardiac rehabilitation. *BMJ*. 2015 Sep 29;351:h5000.
8. Kadda O, Kotanidou A, Manginas A, Stavridis G, Nanas S, Panagiotakos DB. Lifestyle intervention and one-year prognosis of patients following open heart surgery: a randomised clinical trial. *J Clin Nurs* 2015;24(11-12):1611-21.
9. Kadda O, Marvaki C, Panagiotakos D. The role of nursing education after a cardiac event. *Health Science Journal* 2012; 6(4):634-646.

10. Weller J, Boyd M, Cumin D. Teams, tribes and patient safety: overcoming barriers to effective teamwork in healthcare. *Postgrad Med J* 2014;90(1061):149-54.
11. Sargeant J, Loney E, Murphy G. Effective interprofessional teams: "contact is not enough" to build a team. *J Contin Educ Health Prof.* 2008 Fall;28(4):228-34.

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