Introduction: Cardiovascular diseases affect many individuals and their medical evaluation identifies the need for surgery, such as myocardial revascularization, valve replacement, among others. Cardiac valve replacement is a possibility for patients to promote their quality of life, which requires the performance of a multidisciplinary team, and the psychological support to the patient collaborates for its recovery. Objective: To describe how psychological care occurs in pre and postoperative cardiac valve replacement surgery. Methodology: Experience report. Results and discussion: In the preoperative period of this surgery, the psychologist performs an interview to evaluate the patient, analyzes whether he has a history of mental disorder and establishes a host and attachment for follow-up, and in the postoperative period, focuses on recovery and psychological support to the patient, aiming to raise awareness of the quality of life. Conclusion: The insertion of the psychologist in the health team is essential for the patient care in this surgery, offering psychological support and speech space to express the patient’s desires before surgery and the chronicity of this disease.

Keywords: Cardiac surgery; Valvar replacement; Psychology

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