

Documents

Solari, S., Navarra, E., de Kerchove, L., El Khoury, G.

Mitral valve repair for endocarditis

(2022) *Journal of Cardiac Surgery*, 37 (12), pp. 4097-4102. Cited 3 times.

DOI: 10.1111/jocs.15891

Cardiovascular and Thoracic Surgery Department, Saint Luc University Clinic, Brussels, Belgium

Abstract

Many authors have reported their results of mitral valve (MV) repair (MVR) in acute and healed endocarditis. However, the results published by different authors highlight the fact that the reparability rate for this indication remains low. Over the last three decades, our group has adopted an early and repair-oriented approach to infective endocarditis with the objective to improve the repair rate and the long-term results. In this paper, we describe our institutional experience on mitral valve repair for infective endocarditis. Data for this paper were extracted from our institutional database on heart valve disease. From 1991 to 2015, 160 consecutive patients in our institution underwent MV surgery for active IE on native MV. The median follow-up was 122 months. This study was approved by the institutional ethics review board, and written informed consent was waived for this study given its retrospective design. Hospital mortality was 11.6% (n = 18). Early MV reoperation before hospital discharge was required in five (3.1%) patients. At 5, 10, and 15 years, overall survival in the MVR for endocarditis in the group was $79\% \pm 4\%$, $65\% \pm 5\%$, $57\% \pm 6\%$, respectively. Freedom from reoperation at 5, 10, and 15 years was $95\% \pm 2\%$, $88\% \pm 4\%$, and $81\% \pm 6\%$, respectively. Mitral infective endocarditis is an insidious pathology and his surgical approach can be challenging. An early and repair-oriented surgical approach can allow to improve reparability rates with good long-term durability and a low recurrence rate of endocarditis. © 2021 Wiley Periodicals LLC.

Author Keywords

cardiovascular pathology; endocarditis; mitral valve; valve repair/replacement

Index Keywords

epidemiological data, hospital mortality, human, infective endocarditis, mitral valve repair, Note, recurrence risk, reoperation, bacterial endocarditis, endocarditis, mitral valve, recurrent disease, retrospective study; Endocarditis, Endocarditis, Bacterial, Humans, Mitral Valve, Recurrence, Retrospective Studies

Correspondence Address

Solari S.; Cardiovascular and thoracic surgery Department, Ave. Hippocrate 10, Belgium; email: silvia.solari@outlook.com

Publisher: John Wiley and Sons Inc

ISSN: 08860440

CODEN: JCASE

PubMed ID: 34390270

Language of Original Document: English

Abbreviated Source Title: J. Card. Surg.

2-s2.0-85112388594

Document Type: Note

Publication Stage: Final

Source: Scopus