

A Retrospective study of outcome of prosthetic valve occlusion cases

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Abstract

Our primary objective was to study the outcome of prosthetic heart valve occlusion cases and to assess the impact of clinical presentation, thrombus size, type of prosthetic valve, time interval since valve implantation and echo findings on outcome of the management. It is a retrospective study where all cases admitted in cardiac surgery department from January 2015 to December 2019 were included in this study. Totally 50 patients were included in this study. Data was collected from the previous admission records secured in medical records department.

Data's were collected from the admission records of patients with diagnosis of prosthetic valve thrombosis which included age, gender and occupation of the patient, type of valve, valve position, interval between the time of operation and the onset of occlusion, etiology of occlusion, treatment given and echo evaluation, anticoagulation status and finally outcome of our management. Totally 50 patients were admitted in our department with a diagnosis of stuck valve of which 41 patients (82%) were taken up for emergency surgery and rest were subjected to thrombolysis. Of 9 (18%) patients who were thrombolysis, 2 patient expired and of 41 patients who were operated 4 expired. Totally 23 (56%) patients underwent redo MVR, 6 (14%) underwent redo AVR and 12 (29%) patients underwent Mitral valve thrombectomy.



Biography:

Rajeev Thilak is working in the department of cardiothoracic and vascular surgery for the past two years. He has assisted various cases and has also performed open heart surgeries under the guidance of his consultants. He has been doing this study on prosthetic valve occlusions. This study was mainly done to clarify the dilemma on starting the mode of therapy for patients presenting with prosthetic valve occlusions. His main interest is in the field of adult and congenital cardiac surgery.

Speaker Publications:

1. "A Case Report of Cardiobacterium hominis Endocarditis in a Pregnant Woman"
2. "A Rare Presentation of Soft Tissue Sarcoma"
3. "A Case of Carcinoma Colon Presenting As Intestinal Malrotation"
4. "A Case Of Hodgkin Lymphoma Presenting As Soft Tissue Mass"
5. "A Single Blinded Comparative Study of Diclofenac Gel And Evening Primrose oil In Management of Women Presenting With Mastalgia"

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