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Institutional study on surgical management of cardiac diseases

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This study elucidates the surgical management of heart disease in a tertiary care center in southern India. A total of 139 cases of heart disease were surgically managed from May 2015 to July 2017 at Stanley Medical College. In this, the average age of patient population is 43.94 with 43.16% in age group of 30-44. Male to female ratio is (1.13:1). Both valve replacement and CABGs are performed. Of the total cases, 83 patients underwent valve replacement surgeries, 41 patients underwent CABG. In congenital cardiac disease, a total of 13 cases were done with ASD (OS) being most common. Mitral valve disease secondary to rheumatic pathology is the most common valvular disease. Of the 83 patients who underwent valvular replacement, MVR (55) is the most common followed by MVR with DeVega tricuspid annuloplasty (13), AVR and DVR. Of the 41 patients who underwent CABG, LIMA was harvested in 9 cases and RIMA in 1 case. All cases were done under cardiopulmonary bypass. The increased number of rheumatic heart disease compared to coronary heart disease establishes the still widely prevalent problem of rheumatic heart disease in this part of the world.

Biography

Srinivasa Kumaran has passion in both adult and paediatric cardiac surgery. Graduated from Dr. MGR medical university in the year 2006 and has 7 years experience in general surgery and 3 years experience in cardiothoracic surgery.

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