

CARDIOVASCULAR DISEASE PATTERN OF MEDICAL WARD IN 2006

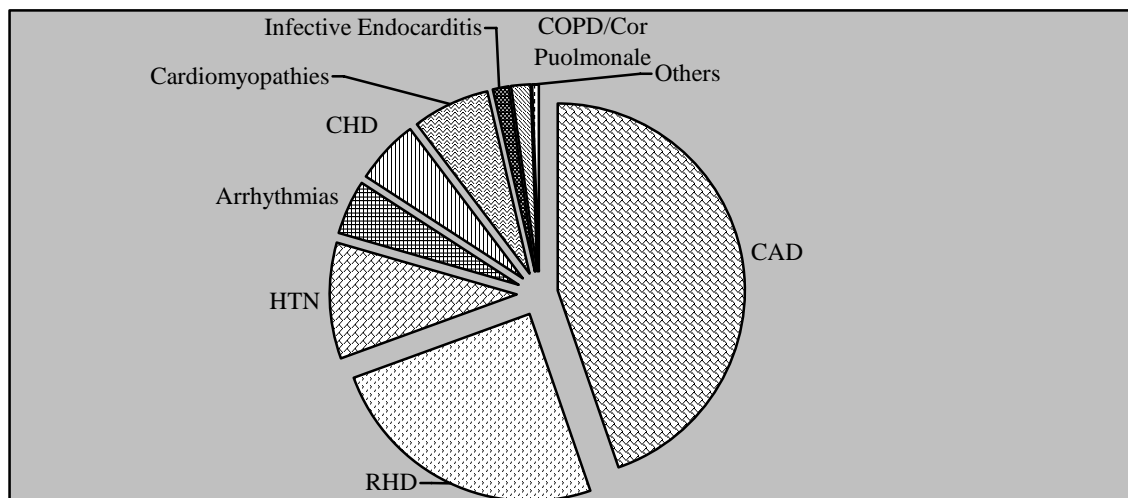
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The General ward is the place where the patients are finally pooled up through both direct admission and the transfer of stabilized patients from the critical care units. General Ward B receives surgical admissions both pre-operative as well as transfers from SICU of stabilized post-operative cases. The general ward in itself started with a 7 bedded unit in the now designated space for the Laboratory with the current 43 beds (19 in General ward A and 24 in General ward B) together with 5 Cabins. During its 8 years of service, thousands of patients from all over the country with cardiovascular disease were admitted and treated. In this article we provide a brief outline of the disease pattern from 1st Jan 2006 to 31st Dec 2006.

During the last year together 2027 patients were admitted. According to the data most of the patients admitted were of coronary artery disease (42.57%) followed by RHD (23.38%) and Hypertension (9.52%). Patients admitted as cases of Cardiomyopathy, Congenital heart disease and infective endocarditis accounted for 6.26%, 5.37% and 1.43% respectively. The total mortality in General ward was 9 (0.44%).

Disease-wise distribution of cases in the year 2006

Disease	No. of Cases	Percentage of total
Coronary Artery Disease (CAD)	863	42.57%
Rheumatic Heart Disease (RHD)	474	23.38%
Hypertension (HTN)	193	9.52%
Arrhythmias	90	4.44%
Congenital Heart Disease (CHD)	109	5.37%
Cardiomyopathies	127	6.26%
Infective Endocarditis	29	1.43%
COPD/Cor Pulmonale	31	1.53%
Others	11	



Pattern of diseases in the year 2002 - 2006

	2002	2003	2004	2005	2006
Coronary Artery Disease	39.50%	39.30%	37.96%	39.19%	42.57%
Rheumatic Heart Disease	20.80%	27.70%	26.10%	20.05%	23.38%
Hypertension	9.60%	8.80%	9.10%	7.49%	9.52%
Arrhythmias	4.20%	8.10%	10.13%	9.64%	4.44%
Congenital Heart Disease	6.80%	4.10%	4.00%	6.09%	5.37%
Cardiomyopathies	6.50%	6.40%	5.06%	9.11%	6.26%
Infective Endocarditis	1.90%	1.20%	0.55%	2.58%	1.43%
COPD/Cor Pulmonale	2.20%	1.20%	0.55%	0.75%	1.53%

There has been a significant increase in the number of Coronary Artery Disease patients and patients admitted as cases of Hypertension with complications during the last year as compared to previous years.