

Percutaneous Transvenous Mitral Commissurotomy: SGNHC Experience

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One hundred patients had PTMC from June 2003 to January 2004, Seventy four percent of them were female. Youngest was 10 years and oldest was 58 years, Mean age was 25 years. Under 21 years were 26%, Atrial fibrillation was present in 32%,

Mean MVA increased from range 0.91 cm² to 1.90 cm² with range of 0.5 cm² pre-procedure to 2.3 cm² post-procedure, Left atrial mean pressure decreased from average 19 mm Hg to 6 mm Hg. Subjective improvement was reported in 99%. There was no mortality. Significant MR (>2 Grade) was noted in 3 patients (3%) post-procedure. None developed severe MR. Procedure failed in two patients. None had cardiac tamponade. None had to undergo emergency surgery. One had systemic embolisation during the procedure which recovered subsequently.