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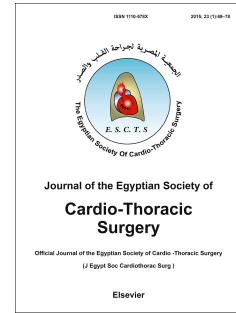
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Early Post-Operative Pulmonary Function Tests after Mitral Valve Replacement: Minimally Invasive vs. Conventional Approach. . Which is better?

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Abstract

Background: Minimally invasive mitral valve surgery (MIMVS) is safe, with low perioperative morbidity, and low rates of reoperation. Minimally invasive mitral valve surgery has been proven a feasible alternative to the conventional full sternotomy approach with low perioperative morbidity and short-term mortality. Efforts to minimize surgical trauma, fasten patient recovery, increase patient satisfaction, and reduce cost without compromise to surgical repair or replacement techniques, continue to be the rationale for minimally invasive procedures.

Patients and Methods: In this study 50 patients with mitral valve disease (MVD) requiring mitral valve surgery selected by purposive nonprobability sample. The study was done at the Armed Forces Hospitals (mainly Maadi & Galaa Armed Forces Hospitals). 25 patients attended to have mitral valve surgery by traditional sternotomy (groupB), other 25

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