

MEETING ABSTRACT

Open Access

Minimally invasive cardiac surgery - A single centre experience

Swapnil Deshpande*, Purushottam Deshpande, Shrikrishna Deshpande, Mukund Deshpande, Irshad Ahmed, Jyoti Panhekar

From World Society of Cardiothoracic Surgeons 25th Anniversary Congress, Edinburgh
Edinburgh, UK. 19-22 September 2015

Background/Introduction

Minimally Invasive Cardiac Surgery is the Future of Cardiac Surgery. The patients who undergo these surgeries have better post-operative recovery, better cosmesis and faster recovery times.

Aims/Objectives

We present our data of 58 cases performed at our center in last 4 years.

Method

18 mitral valve replacements, 20 ASD closures, 14, Off pump CABGs, 6 Aortic Valve Replacements.
Off the 14 CABGs, 3 were Hybrid Procedures.

Results

Only one conversion to Median Sternotomy was necessary of the 58 cases which were operated. The operative time was definitely longer compared to the standard procedures but postoperative bleeding, ICU stay and Postoperative pain and ambulation were significantly smaller than standard surgeries. The patients have significantly reduced times to get back to complete work so the surgery also reduces the economic burden of the patients.

Discussion/Conclusion

Minimally invasive cardiac surgery is here to stay in cardiac surgery practice. Proper patient selection is necessary at least in the initial stages to avoid surgical misadventures. The availability of HYBRID Cardiac surgery suites definitely reduces the peripheral vascular complications. With proper training and availability of resources minimally invasive cardiac surgery can be performed at most centres with acceptable results.

Published: 16 December 2015

doi:10.1186/1749-8090-10-S1-A210

Cite this article as: Deshpande et al.: Minimally invasive cardiac surgery - A single centre experience. *Journal of Cardiothoracic Surgery* 2015 **10**(Suppl 1):A210.

Submit your next manuscript to BioMed Central and take full advantage of:

- Convenient online submission
- Thorough peer review
- No space constraints or color figure charges
- Immediate publication on acceptance
- Inclusion in PubMed, CAS, Scopus and Google Scholar
- Research which is freely available for redistribution

Submit your manuscript at
www.biomedcentral.com/submit



Dr. KG Deshpande Memorial Centre, Nagpur, Maharashtra, 440010, India



© 2015 Deshpande et al. This is an Open Access article distributed under the terms of the Creative Commons Attribution License (<http://creativecommons.org/licenses/by/4.0>), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated.