

Wockhardt Hospital conducts minimal Invasive surgery for mitral valve in heart

05 April 2019 | News | By Kalyani Sharma

Minimal Invasive Surgery is rarely done in Mumbai but it is widely known to overall world



A team lead by Dr. Mangesh Kohale, Cardio Thoracic Surgeon at Wockhardt Hospital, SOBO performed a minimal invasive surgery for 2 patients.

Minimal Invasive Surgery is a newer form of heart surgery in India. It is a relatively new and advanced technique of performing coronary bypass for the treatment of coronary heart diseases. In this technique, the heart is approached through the side of via a small 4- 6 cm incision. This cut is placed just under the nipple. The chest is entered between the ribs without cutting any bones and by splitting the muscle.

One patient had a complaint of breathlessness. An 2decho was done which revealed mitral valve disease hence advised replacement treatment. Dr Mangesh Kohale and team performed minimal invasive mitral valve replacement surgery with a 6cm small incessive below right side of the chest. Whereas the other one had a severe chest pain from last 2 months and critical 90% blockage of main artery. Similarly, Dr Kohale performed minimal invasive bypass surgery from left side of the chest with 6cm incision.

Dr Mangesh Kohale, Cardio Thoracic Surgeon at Wockhardt Hospital Mumbai Central says, “Minimally Invasive Cardiac Surgery has several advantages over the traditional technique such as the fact that no bones are cut. It has advantages in reducing pain, and a patient can live back to normal life including driving or other activities, blood loss is almost negligible eliminating blood transfusion in most and eliminating blood borne infection. This makes the procedure ideal in diabetics and older patients who have poor resistance to infection.”

“A cardiac surgery was conventionally non-cosmetic is getting cosmetic with the incision of just 5-6 cm. All these benefits put together make for very short hospitalization and recovery. The best part is that all the blocks irrespective of their location in the heart can be bypassed in a safe and predictable manner.” Adds Dr Mangesh.

Ganesh Tare Patient says, “We are happy with minimal invasive surgery. We are back to our routine life with less pain. We are thankful to Dr. Mangesh who explained us procedure and made us understand pro and cons of surgery.”

The number of elderly patients undergoing coronary artery bypass surgery (CABG) and valve replacement continue to increase. In both the case Dr Kohale have performed minimal invasive surgery which is new in Mumbai. Minimal Invasive

surgery is not for each and every patient, one has to be very choosy while selecting the patient as there is a very small area to look inside heart and regarding job done, Selection of patient is most important. As of now 15-20% routine surgery patients can be done with minimal invasive surgery later it might increase.