

CHANGING TRENDS OF CARDIAC SURGERY IN INDIA FROM CONVENTIONAL TO SMALL SCAR SURGERY

"The overall healthcare scenario in India has changed and today we stand at par with the west in terms of expertise and technology. Some 15 years back, Cardiac Surgery was seen as a life threatening surgery and there were very few hospitals doing it in India. "The success rate of cardiac surgery today is 95-97%. The mortality rate has dropped down drastically



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to 2.8% which is at par with the international standard. Today we can claim that our expertise, our outcome, our technology and our infrastructure is no less than others and it is evident in the number of foreign patients visiting India for treatment

Talking about the technological advancements, Dr. Bhupesh D. Shah said, "There has been a drastic improvement in the instrumentation used in the cardiac surgery. Nowadays we are adopting minimally invasive surgery for all type of cardiac surgery which is small scar surgery with incision less than 7-10 cm in length with peripheral cannulation. This surgery is very well accepted by patients due to small scar, cosmetically, less hospital stay, less morbidity, also we are regularly doing for surgeries like ASD Closure, Aortic Valve Replacement and Mitral Valve Replacement and single graft bypass surgery.

Dr. Bhupesh D. Shah further added "Today we have a Hybrid Operation Theatres which combines the normal operation theatre with the Cathlab. To make the surgery simple and give best results, surgeons and cardiologists are performing Hybrid procedures. The outcomes are marvelous because we avoid surgery where plasty can be used and as such the recovery of the patients is also fast". He further added that "with the coming of hybrid operation theaters the entire infrastructure of the normal operation theatre has changed. Today we have better operation tables enabling multi tasking, better lighting in the theater, better monitors and other gadgets to aid in the surgery. In India Cardiac Surgery has evolved and advanced which has resulted in improved and durable outcomes in a higher risk population. One of the major advances in coronary revascularization has been the development of the beating heart bypass surgery.