



**Dr. Pavan Kumar**

## EXPERIENCE OF 25 YEARS & TEN THOUSAND HEART SURGERIES MAKES HEART SURGERY SUPER SAFE EVEN IN COMPLICATED HEART PATIENTS.

**A**lthough heart surgery has become a common operation now, even then mention of heart operation or coronary bypass surgery itself frightens ordinary people who have not undergone any operation in life. This is more true if you are ignorant about bypass surgery or if doctor has advised for urgent heart operation due to complex heart disease. There are hundreds types of various heart operations but most commonly performed are coronary artery bypass surgery for heart attack disease followed by heart valve operations. Success in these operations depends upon many factors like surgeon's experience, hospital facilities, post operative care etc.,. This becomes more important when patient has following complexities.

**1. Age higher than 75 years** – Older the Age lesser is body's fighting power. In this age Brain, Lungs, Kidney, Liver, & Heart are functioning at suboptimal level. Heart surgery in these elderly people require special protocols to make surgery safe.

**2. Poor Heart Function** – If heart has suffered a many heart attacks and its pumping capacity has comedown to 30% or less, then Bypass Surgery becomes serious affair. Here experience make the difference to give patient hundred percent safe operation.

**3. High Diabetes, Hypertension, Kidney & Lung disease** – These are four important risk factors becoming common now days in heart patients. Each one of them require special strategy and care for a successful surgical out come.

**4. Patient with Brain Strokes** – Brain is a very delicate organ requires protection specially when it has already suffered insult or has disease. Heart surgery here becomes complicated due to various hemodynamic

changes occur during heart surgery. Here again experience counts.

**5. Bypass Surgery with Heart Valve Operation** – This double heart surgery makes full procedure lengthy and complex with attached complications. Meticulous heart protection, deft handling of heart with dexterity gives successful out come.

**6. Bypass Surgery after Angioplasty or stenting** – This is becoming common now as stents get occluded or fail in 5 – 20% cases with in one to three years. Complexity arises when there are many stents deployed in coronary arteries, making coronary bypass surgery very complicated. Removal of Stents by special procedures called endarterectomy becomes only option in this surgery. This operation requires special experience of exactness.

**7. Heart Failure Condition** – When Heart is Very Sick and heart muscles are dead like in Aneurysms and require to excise them. This remodelling of heart makes heart operation complex in this situation.

**8. Repeat Heart Surgery** – Here Heart gets adherent to surroundings due to previous surgery making it difficult to identify structure and operate on them. It has higher risks than normal heart surgery.

In standard heart surgery and Coronary Bypass Surgery, mortality has come down significantly. In my own 25 years experience, success is assured in 99.9% cases. Even in above mentioned complex situations success rate has been almost 98%. This has been possible due to painstaking deployment of protocols, strict adherence to international norms of surgical procedures and above all personal attention to details to make heart surgery super safe.



**Dr. Pavan Kumar, M.S., M.Ch., F.I.A.C.S.  
Consultant Cardiac Surgeon**

BSES (Bramhakumari) Hospital Andheri,  
Lilavati Hospital & Research Centre, Bandra, Mumbai.

**Mobile No:** – 9820297125

**Website:** [www.drpavankumar.in](http://www.drpavankumar.in),

**Skype:** dr.pavan.kumar,

**Facebook pg:** <https://www.facebook.com/heartaffairs>,

**Twitter:** @drpavan7, **Linkedin:** Dr. Pavan Kumar