



**RECENT TRENDS ON HUMAN MEDICINE, HEART DISEASE, THE CASE OF OPEN HEART BY PASS SURGERY AT SAINT STEPHEN’S HOSPITAL DELHI INDIA**

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**ABSTRACT**

Proper human health is essential to the development of a nation. Heart disease is a critical area of research and should be treated properly for the benefit of mankind. The paper deals with recent trends in human health heart disease, therefore advocates open heart bypass surgery as a lasting solution for the problem. The author including other surgeons carried out over 250 open heart bypass surgery at the St. Stephen’s Hospital Tis Hazari Delhi India. The above diagnosis made by ECG. The study examined the case of coronary artery disease angina pectoris and valvular disease. The study identified new trend that bypass surgery is one of the greatest contribution in human health systems grouped in line with the discovery of antibiotics and insulin. A complete cardiac bypass necessitates a mechanical oxygenator to perform the function of the lung. The patient’s lung has been cannulated and employed as the oxygenator in combination with mechanical pump. Bypass surgery is technique by which the pumping action of the heart and the gas exchange functions of the lungs are temporarily replaced by a mechanical device, the pump oxygenator attached to the vascular system of the patient. This method is useful for it has prevented many early deaths and helped innumerable patients to live normally. Hence, the result indicates that open heart surgery OHS is relatively save because many a patient got relieve, who suffered from the intra cardiac and excruciating pain. The limitation is that, only certain persons can benefit from this procedure. The study advocates that the government should provide adequate sophisticated equipment, competent doctors and nurses and paramedical personnel and reduce the cost to the less privileged needy patients in our hospitals. Only then it could be beneficial in absolute terms.

**Key words:** Cardiac bypass open heart surgery, intensive care unit 250 patients.