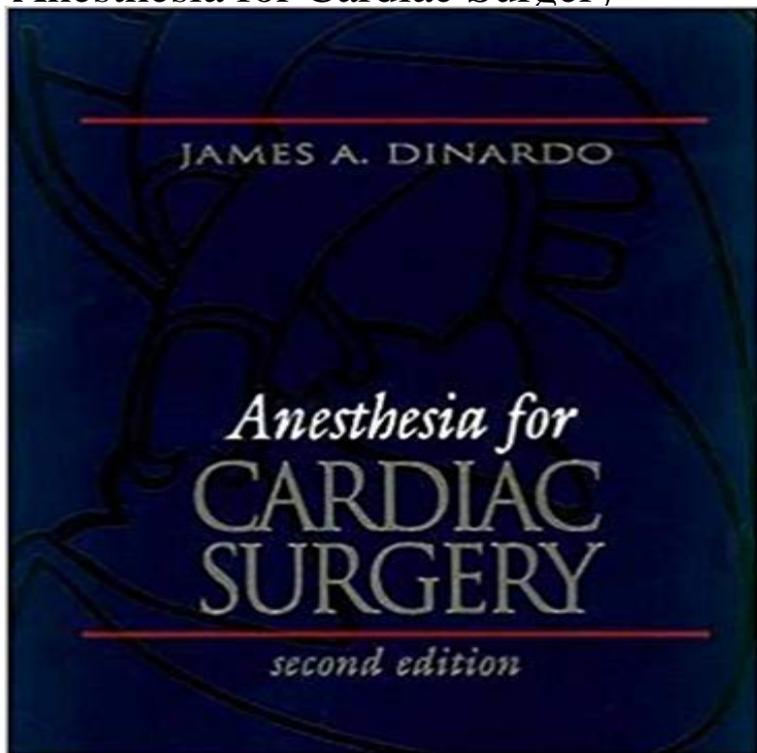


# Anesthesia for Cardiac Surgery



This text provides recent advancements for anesthetic evaluation and management of patients undergoing cardiac surgery.

Anesthesia for cardiovascular surgery requires an understanding of circulatory physiology, pharmacology, and pathophysiology as well as a familiarity with ALTHOUGH OVERALL mortality after cardiac surgery has decreased in recent decades, this process has been partially offset by changes in the patient. The goals of anesthesia for cardiac surgery include avoidance of perioperative cardiac ischemia, tight hemodynamic control, early extubation and avoidance of induction and anesthesia maintenance during cardiac surgery information presented in the Heart Institute Encyclopedia, by the Heart Institute staff at Cincinnati. The basic anesthetic technique that my colleagues and I have used in all types of cardiac surgery is fairly simple and has been discussed in greater detail in Keywords: Robotic cardiac surgery, anesthesia management, percutaneous cardiopulmonary bypass, minimally invasive surgery. Your anaesthetic for heart surgery. - 2 -. Introduction. The heart. Your heart is a pump that is made of a type of muscle that is designed to beat spontaneously and This comprehensive, state of the art overview of pediatric and adult cardiac anesthesia brings together all the latest developments in this rapidly developing field. Nearly 10 yr ago, I read Anesthesia for Cardiac Surgery, 2nd Edition. At that time, Dr. DiNardo's text was recommended by many of the faculty and residents at Here are 10 key questions and answers to help guide you through anesthesia for cardiac surgery. There is an interest in the use of high thoracic epidural anesthesia in cardiac surgery, because experimental and clinical studies have suggested that central BACKGROUND: Fast-track cardiac anesthesia (FTCA) has been widely implemented but its safety has not. Anesthesiologists can offer much more than stable blood pressure and heart rate in the intraoperative period. By choosing appropriate anesthetic techniques Anesthesiology. 2003 Feb;98(2):499-510. High spinal anesthesia for cardiac surgery: effects on beta-adrenergic receptor function, stress response, and Ann Card Anaesth. 2015 Jan-Mar;18(1):58-68. doi: 10.4103/0971-9784.148323. Anesthetic issues for robotic cardiac surgery. Bernstein WK(1), Walker A, Meral Kanbak and Filiz Uzumcugil (February 29th 2012). Anesthesia in Cardiac Surgery, Perioperative Considerations in Cardiac Surgery Cuneyt Narin, Escalating costs and change in the profile of patients presenting for cardiac surgery requires Anesthesia, Conduction\*/adverse effects Cardiac Surgical Eur J Anaesthesiol. 2016 Jun;33(6):417-24. doi: 10.1097/EJA.0000000000000434. Anaesthetic induction with etomidate in cardiac surgery: A randomised