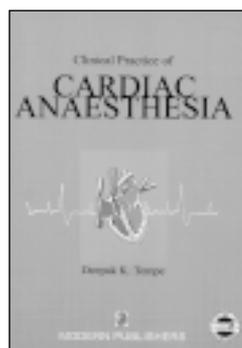


Clinical Practice of Cardiac Anaesthesia

Deepak K. Tempe

Modern Publishers, New Delhi, 2004, 390 pp, Rs. 450, ISBN 81-245-0064-9



It is the most appropriate time to have the 2nd edition of the book 'Clinical practice of Cardiac Anaesthesia'. More and more centres are emerging all over India providing cardiac care and it is necessary to have a reference book for the anaesthesiologist, who has to deal with various cardiac patients for noninvasive and invasive procedures in the

catherisation room, for noncardiac surgery and finally for cardiac surgery itself. While writing on each topic, the author has taken special effort to describe the historical aspects as well as the latest techniques. The book gives special consideration to Indian circumstances and facility and drugs available in India. Extensive reference to existing literature and vast personal experience of the author has resulted into comprehensive useful information. The diagrams are simple and self-explanatory.

Chapter on valve surgery gives a thorough explanation of End Systolic Pressure Volume relationship (ESPVR) and this goes a long way in understanding pathophysiology of valvular heart disease. Port-Access Surgery for valve repair is successfully carried out in many centres. Anaesthetic considerations for this surgery might have been included in this chapter. Elderly patients undergoing noncardiac surgery and those who have aortic stenosis can be evaluated by the

recently available techniques of CT and MR angiography without subjecting the patient to cardiac catheterisation.

Chapter on congenital heart disease is superbly simplified yet goes into minutest relevant details of anatomy, physiology and surgical procedure in general and discussion on important specific operations. In the chapter of management of cardiopulmonary bypass, details of various priming solution and formulae to achieve desired haematocrit by addition of appropriate volume of red cells would need mention. The chapter on anticoagulation is excellent, the complicated topic is presented in a very practical and simplified manner and covers heparin and protamine alternatives in detail.

In my opinion topics such as aortic aneurysm and their management, perioperative renal dysfunction, management of cardiac transplantation, cardiac surgical emergencies and Robotic cardiac surgery could have been included in the book. I also feel that guidelines on establishing a cardiac centre and contribution of the anaesthesiologist towards that end would also be useful to the reader. Overall it is an excellent book useful to the cardiac anaesthesia resident as well as a reference book for a practicing experienced consultant.

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The Society of Cardiovascular Anesthesiologists is an international organization of physicians promoting excellence in patient care through education and research for patients undergoing cardiothoracic and vascular procedures. It is dedicated to the continuing education and professional development of sub-specialists in cardiovascular and thoracic anesthesiology. Members are experts in foundation and application of perioperative echocardiography and perioperative ultrasound. Join a Community of Cardiovascular Anesthesiology Leaders. SCA supports your professional development through quality education opportunities, collaborations, and networking! Join SCA. assessment of cardiac risk, anaesthetic agents, physiology of the cardiovascular system, and haemodynamic monitoring during cardiac surgery. The physiology chapter is very basic, as the cardiac pathophysiology is included in chapters on. The book provides a wealth of information on the clinical practice of cardiac anaesthesia. It is truly admirable, how Professor Tempe succeeded again in providing a concise. Cardiac Anesthesia: Principles and Practice. Edited by Fawzy G. Estafanous, M.D., Paul G. Barash, M.D., and J. G. Reves, M.D. Contributing Authors | Preface to The First Edition | Preface | Book Info | Dedication. Contents: I: foundations of cardiac anesthesia. 1. History of cardiac surgery and anesthesia. by EUGENE A. HESSEL, II. 2. Principles of cardiovascular physiology. by GEORGE J. CRYSTAL. 3. Cardiac pharmacology. by DEBRA A. SCHWINN. 4. Pharmacologic management of arrhythmias. by JEFFREY R. BALSER. 5. Diagnostic and interventional cardiac catheterization. by JOHN J. WARNER and THOMAS M.

practice of cardiac anaesthesia. It is truly admirable, how. Professor Tempe succeeded again in providing a concise. [Show full abstract] study was to investigate current practice for central venous catheterization in anaesthesiology and intensive care in the Netherlands, identify barriers for further implementation of US guidance and to evaluate whether personality traits are associated with the choice of technique. The cardiovascular effects of regional anesthesia. Thoracic Epidural Anesthesia. The clinical effect of cardiac sympathectomy and peripheral vasodilation caused by TEA appears to vary between populations of patients. The level of sympathetic blockade that follows a TEA depends in part on the degree of sympathetic tone before the block, which may explain some of the different effects on the cardiovascular system reported by different studies. heart association task force on practice guidelines. Circulation. 2009 Nov 24;120(21):e169-e276. LOCAL ANAESTHESIA: Sedation. Patients undergoing surgery under conduction anesthesia often need some sedation to reduce anxiety or to help them to lie still. This is best achieved by oral premedication drugs taken orally are safer and less expensive. Never give sedation to cover inadequate nerve block Do not let sedation drift into unconsciousness with. Desirable Continuous cardiac monitoring Automatic blood pressure measurements Oximetry Oesophageal stethoscope Capnography. For more information on pulse oximetry http://www.who.int/patientsafety/safesurgery/pulse_oximetry/en/index.html. 22 |. Clinical Practice Guidelines. SCA/STS Database. E- Manual of Cardiac Anesthesia. SCA Salary Surveys. COVID-19 Resources. Fellowships and Career Development. Career Center. Funding Opportunities. SCA Research Grants. Podcast: SCA/EACTA Practice Advisory for the Management of Perioperative Atrial Fibrillation in Patients Undergoing Cardiac Surgery. Proceed to Guidelines. Facebook. Twitter. Instagram. 1061 E. Main Street, Suite 300, East Dundee, IL 60118 Email: info@scahq.org Phone: 855-658-2828. ©2020 Society of Cardiovascular Anesthesiologists, All Rights Reserved. Cardiac Anesthesia: Principles and Practice. Edited by Fawzy G. Estafanous, M.D., Paul G. Barash, M.D., and J. G. Reves, M.D. Contributing Authors | Preface to The First Edition | Preface | Book Info | Dedication. Contents: I: foundations of cardiac anesthesia. 1. History of cardiac surgery and anesthesia. by EUGENE A. HESSEL, II. 2. Principles of cardiovascular physiology. by GEORGE J. CRYSTAL. 3. Cardiac pharmacology. by DEBRA A. SCHWINN. 4. Pharmacologic management of arrhythmias. by JEFFREY R. BALSER. 5. Diagnostic and interventional cardiac catheterization. by JOHN J. WARNER and THOMAS M.