

Cardiac Surgery and Anesthesia Management

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AKADEMİSYEN
KITABEVI

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► Foreword

Cardiac Surgery is being carried out in many centers with the increase of technology and experience. Anesthesia management also differs from other areas of anesthesia in cardiovascular surgery in which cardiopulmonary bypass is used. These differences include stopping and restarting the heart and stopping ventilation. These applications should be easy to learn. Our aim was to create a book for all physicians and medical personnel working in this field, including anesthesia technicians and perfusionists, while preparing the Cardiovascular Surgery and Anesthesia Management book. It would make us happy to see that our goal was fulfilled. In spite of all our efforts, due to mistakes that have been overlooked, we seek tolerance of readers. We would like to thank our colleagues who contributed to the preparation of the book and the Academician Publishing House.

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► Abbreviations

ACC	:	American Collage of Cardiology
ACE	:	Angiotensin Converting Enzyme
ACT	:	Activated Clotting Time
AHA	:	American Heart Association
AR	:	Aortic Regurgitation
ARDS	:	Acute Respiratory Distress Syndrome
AS	:	Aortic Stenosis
ASD	:	Atrial Septal Defect
AVR	:	Aortic Valve Replacement
CABG	:	Coronary Artery Bypass Graft.
CHD	:	Congenital Heart Diseases
CHF	:	Congestive Heart Failure
CO	:	Cardiac Output
CPB	:	Cardiopulmonary Bypass
ECG	:	Electrocardiography
ECMO	:	Extracorporeal Membrane Oxygenation
EF	:	Ejection Fraction
FFP	:	Fresh Frozen Plasma
GIS	:	Gastrointestinal System
HF	:	Heart Failure
ICU	:	Intensive Care Unit
IMA	:	Internal Mammaian Artery
LAD	:	Left Anterior Descending
LV	:	Left Ventricle
LVEF	:	Left Ventricular Ejection Fraction
MI	:	Myocardial Infarction
MR	:	Mitral Regurgitation
MS	:	Mitral Stenosis
MVA	:	Mitral Valve Area
MVR	:	Mitral Valve Replacement
NIRS	:	Near Infrared Spectroscopy
NYHA	:	New York Heart Association
PA	:	Pulmonary Artery
PDA	:	Patent Ductus Arteriosus
PS	:	Pulmonary Stenosis
PVR	:	Pulmonary Vascular Resistance

STS	:	The Society of Thoracic Surgeons National Database Risk Scoring System
SVR	:	Systemic Vascular Resistance
TAPVD	:	Total Anomalous Pulmonary Venous Return
TAVI	:	Transcatheter Aortic Valve Implantation
TCA	:	Total Circulatory Arrest
TGA	:	Transposition of Great Arteries
TOF	:	Tetralogy of Fallot
TR	:	Tricuspid Regurgitation
TS	:	Tricuspid Stenosis
TSH	:	Thyroid Stimulating Hormone
VSD	:	Ventricular Septal Defekt
VT	:	Ventricular Tachycardia

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(CHAPTER 1)
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