



Anesthesia for Congenital Heart Disease, 4th Edition

Dean B. Andropoulos (Editor-in-Chief), Emad B. Mossad (Editor), Erin A. Gottlieb (Editor)

E-Book	978-1-119-79308-3	November 2022	\$220.00
Hardcover	978-1-119-79165-2	January 2023	\$275.00
O-Book	978-1-119-79169-0	November 2022	Available on Wiley Online Library

DESCRIPTION

Anesthesia for Congenital Heart Disease

An Extensive Reference Work Detailing the Procedures, Knowledge, and Approaches in Anesthesia for Congenital Heart Disease

In this fourth edition of *Anesthesia for Congenital Heart Disease*, a distinguished group of expert authors in congenital heart disease (CHD) from all over the world provide a thorough, comprehensive, and fully updated overview of the specifics of congenital heart disease and the intricacies involved with administering anesthetic care to patients who suffer from the myriad of lesions encompassed by CHD.

In the seven years since the third edition of *Anesthesia for Congenital Heart Disease* was published, an explosion of new procedures, approaches, and patients eligible for anesthetic care has occurred. The goal of *Anesthesia for Congenital Heart Disease, Fourth Edition* is to help readers understand all of the recent advancements and developments in the field while also imparting a foundation of essential historical knowledge. The book contains new chapters that reflect exciting new approaches in this rapidly changing field, and also includes:

- Updated information in the chapter Adult Congenital Heart Disease and Mechanical Support of the Circulation, reflecting the increasing prominence of these patients in CHD care
- New chapters on Informatics and Artificial Intelligence, Genetic Syndromes, Point of Care Ultrasound, and Cardiopulmonary Resuscitation in Congenital Heart Disease

- Thorough updates of all chapters with many new figures and tables, and hundreds of new recent references provide up to date information

Anesthesia for Congenital Heart Disease, Fourth Edition serves as a thorough and in-depth reference work and is an essential resource for practitioners providing perioperative care to CHD patients.

ABOUT THE AUTHOR

Dean B. Andropoulos, MD, MHCM, is the Anesthesiologist-in-Chief and Chair, Texas Children's Hospital Department of Anesthesiology, Perioperative and Pain Medicine, and Professor and Vice Chair of the Department of Anesthesiology at Baylor College of Medicine in Houston, TX, USA. He is also the editor of *Gregory's Pediatric Anesthesia, 6th Edition*, and his research interests include neurological monitoring and outcomes of cardiac and non-cardiac surgery and anesthesia.

Emad B. Mossad, MD, serves as the Director of the Arthur S. Keats Division of Pediatric Cardiovascular Anesthesiology at Texas Children's Hospital and Professor of Anesthesiology at Baylor College of Medicine since 2008. Prior to joining Texas Children's Hospital, he served as Section Head for Congenital Cardiac Anesthesia at Cleveland Clinic in Ohio from 1997-2008. He also served as a founding member and President of the Congenital Cardiac Anesthesia Society from 2014–2016.

Erin A. Gottlieb, MD, MHCM, serves as the Chief of Pediatric Cardiac Anesthesiology at Dell Children's Medical Center and is Associate Professor of Surgery and Perioperative Care at the University of Texas Dell Medical School at Austin, TX, USA. Her research interests include bleeding and coagulation in congenital heart surgery, neurological outcomes, and multidisciplinary collaboration and communication in pediatric cardiac disease.

RELATED RESOURCES

Student

[View Student Companion Site](#)

To purchase this product, please visit <https://www.wiley.com/en-us/9781119791652>