

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Record Nr.           | UNINA9910583084103321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Titolo                  | Critical heart disease in infants and children / / [edited by] Ross M. Ungerleider, MD, MBA, Jon N. Meliones, MD, MS, FCCM, Kristen Nelson McMillan, MD, David S. Cooper, MD, MPH, Jeffrey P. Jacobs, MD, FACS, FACC, FCCP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Pubbl/distr/stampa      | Elsevier, 2018<br>Philadelphia, PA : , : Elsevier, , [2019]<br>©2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ISBN                    | 1-4557-5100-6<br>1-4557-0760-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Edizione                | [Third Edition.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Descrizione fisica      | 1 online resource (xxiii, 910 pages) : illustrations (chiefly color)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Collana                 | ClinicalKey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Disciplina              | 618.9212                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Soggetti                | Pediatric cardiology<br>Pediatric intensive care                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Nota di bibliografia    | Includes bibliographical references.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Nota di contenuto       | The segmental approach to congenital heart disease -- Cardiovascular physiology and shock -- Regulation of pulmonary vascular resistance and blood flow -- Renal function and heart disease -- Splanchnic function and heart disease -- Cerebral function and heart disease -- Pharmacology of cardiovascular drugs -- Pediatric arrhythmias -- Pericardial effusion and tamponade -- Anesthesia for pediatric cardiac surgery -- Applied respiratory physiology -- Respiratory support -- Cardiac arrest and cardiopulmonary resuscitation -- Coagulation disorders in congenital heart disease -- Nutrition -- Transplantation -- Noninvasive diagnosis of heart disease -- Diagnostic and therapeutic cardiac catheterization -- Perioperative monitoring -- Cardiopulmonary bypass -- Mechanical circulatory support in infants and children -- Nursing care -- Perioperative management of patients with congenital heart disease -- ASD/VSD -- Atrioventricular septal defects -- Aortic valve disease -- CoA and IAA -- Mitral valve disease -- AP window/PDA -- ACLA -- Persistent truncus arteriosus -- Total anomalous pulmonary venous return -- Transposition of the great |

arteries and the arterial switch operation -- DORV/DOLV -- TOF with PAT and VSD -- Pulmonary atresia with intact ventricular septum (PA/IVS) -- Ebstein's anomaly -- Single ventricle -- Tricuspid atresia and the fontan operation -- HLHS -- Staged operative management of the SV -- Critical appraisal and use of evidence about therapy -- Cor pulmonale -- Inflammatory heart disease -- Infective endocarditis -- Syndromes and congenital heart defects -- Heritable disease -- Cardiomyopathy.

Streaming Analytics in Pediatric Cardiac Care / Melvin C. Almodovar

---

### Sommario/riassunto

Now in brilliant full color and reflecting recent significant changes in the field, Critical Heart Disease in Infants and Children, 3rd Edition, keeps you abreast of the skills and knowledge required to safely care for children with congenital and acquired heart disease in the ICU. Pediatric intensivists, cardiologists, cardiac surgeons, and anesthesiologists from leading centers around the world provide a well-rounded perspective on basic scientific principles, medical and pharmacologic treatments, surgical techniques, and equipment. -- Publisher

---