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| Titolo                  | Case-based device therapy for heart failure // Ulrika Birgersdotter-Green, Eric Adler, editors   |
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| ISBN                    | 3-030-70038-0  |
| Edizione                | [1st ed. 2021.]  |
| Descrizione fisica      | 1 online resource (VII, 344 p. 110 illus., 84 illus. in color.)  |
| Disciplina              | 616.120754   |
| Soggetti                | Electronics in cardiology<br>Insuficiència cardíaca<br>Aparells i instruments mèdics<br>Terapia<br>Llibres electrònics   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di contenuto       | Section I – MANAGEMENT of CARDIOGENIC SHOCK -- Assessment of the Shock Patient and Hemodynamic Monitoring -- IABP and Axial Flow Devices -- Extra-Corporal Devices and ECMO -- Section II – CHRONIC DEVICE THERAPY IN THE ADVANCED HEART FAILURE PATIENT -- Patient Selection -- Inpatient Management -- Outpatient Management of LVAD -- Management of LVAD Complications -- Section III – DEVICES for STAGE C Heart Failure -- Long Term Hemodynamic Monitoring -- Remote Monitoring for Cardiac Implantable Electronic Devices Used in Heart Failure -- Section IV – DEVICE BASED ARRHYTHMIA MANAGEMENT -- Indications for the Implantable Cardioverter Defibrillator -- Implant considerations for the Implantable Cardioverter Defibrillator -- Implantable Cardioverter Defibrillator Programming and Troubleshooting -- Use of the Subcutaneous Implantable Cardioverter Defibrillator in Patients with Heart Failure -- How to Identify and Manage Complications from Cardiac Implantable Electronic Devices -- Management of Implantable Cardioverter Defibrillators in Patients with a Left Ventricular Assist Device -- Indications and Use of the Wearable Cardioverter-Defibrillator -- Cardiac Device Management in Palliative |

Care -- Section V – CARDIAC RESYNCHRONIZATION THERAPY (CRT) --  
Indications for Cardiac Resynchronization Therapy -- Implant  
Considerations for Cardiac Resynchronization Therapy -- Cardiac  
Resynchronization Therapy Programming and Troubleshooting -- His  
Bundle and Physiologic Pacing for Cardiac Resynchronization Therapy  
-- Cardiac Resynchronization Therapy in Patients with Left Ventricular  
Assist Devices.

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Sommario/riassunto

This book provides a comprehensive practical guide to the plethora of devices that have been developed to support the failing heart. It features easy to follow clinically relevant guidance on mechanical devices used for improving cardiac electrical conduction and cardiac output. Chapters cover indications and implant considerations for the implantable cardioverter defibrillator and cardiac resynchronization therapy devices and hemodynamic monitoring in the intensive care unit. Case-Based Device Therapy for Heart Failure describes how to properly use a range of available devices to treat heart failure. Thanks to its multidisciplinary authorship, it is a valuable resource for practising and trainee heart failure cardiologists, electrophysiologists and cardiac surgeons. .

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