This engaging book provides a state-of-the-art introduction to the rapidly evolving field of mechanical circulatory support therapy in the care of patients with advanced heart failure.

The book is aimed at healthcare teams around the world who are involved in patient care, research, and teaching of advanced heart failure; healthcare professionals in training; and interested lay persons.

In particular, this book:

* serves as a comprehensive resource and practice guide on all aspects of mechanical circulatory support therapy, starting with an overview on heart failure management and then continuing with the referral and evaluation, the care before and after mechanical circulatory support implantation, the analysis of outcomes and complications, as well as a description of research and societal perspectives in the field of mechanical circulatory support therapy;

* is founded on the expertise of Columbia University Medical Center (New York City), which has one of the most renowned heart failure, mechanical circulatory support, and heart transplantation programs in the world;

* takes a multidisciplinary integrated healthcare team approach, including the perspectives of cardiologists, cardiac surgeons, nurses, coordinators, social workers, psychologists, physical therapists, financial experts, and bioethicists; and

* provides in a unique way the complementary viewpoints from the expert healthcare team's as well as the patient's and family's perspectives, with patient vignettes interspersed throughout the entire text.