

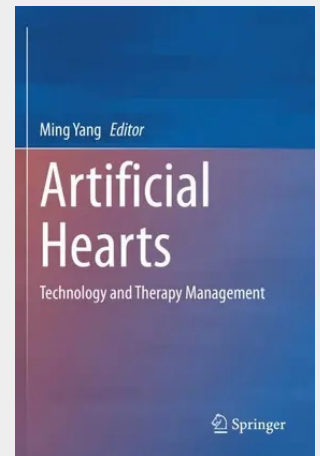
Yang

Artificial Hearts

Technology and Therapy Management

This book provides a comprehensive introduction to artificial hearts, summarizing the latest advances in basic technologies, design, evaluation, and management. Featuring 11 chapters, it discusses the origins of the artificial heart, the mechanisms of heart failure, and the principles of artificial heart technologies. Further, it offers an overview of rotary pumps and volume-displacement pumps, and addresses total artificial hearts. Lastly, the book covers evaluation, selection, therapy management, challenges, and the latest innovations. Given its scope, it is a valuable resource for researchers and technicians in the area of biomedical engineering, as well as surgeons.

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