
Preface

The treatment of end-stage heart failure with advanced surgical therapies has evolved significantly over the years and is a growing subspecialty within cardiac surgery. Our text reviews various surgical therapies for these patients, including coronary artery revascularization, mitral valve repair, aortic valve replacement, ventricular remodeling, cardiac resynchronization, mechanical circulatory support with short-term devices for acute stabilization, long-term mechanical support as a bridge to transplant and for destination therapy, complete cardiac replacement with the total artificial heart, and cardiac transplantation. When possible, efforts were made to include diagrams, cartoons, and intraoperative photos to illustrate the operations being described. It is our hope that this text will serve as a foundation for cardiac surgeons involved with the surgical management of patients with advanced heart failure.

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