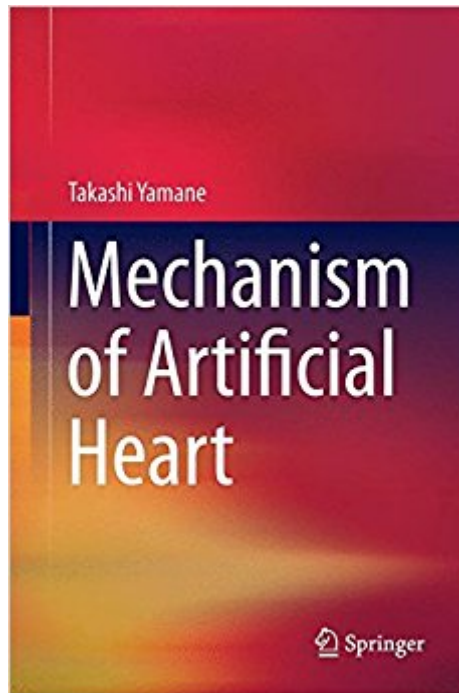




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Mechanism Of Artificial Heart



Synopsis

This book first describes medical devices in relation to regenerative medicine before turning to a more specific topic: artificial heart technologies. Not only the pump mechanisms but also the bearing, motor mechanisms, and materials are described, including expert information. Design methods are described to enhance hemocompatibility: main concerns are reduction of blood cell damage and protein break, as well as prevention of blood clotting. Regulatory science from R&D to clinical trials is also discussed to verify the safety and efficacy of the devices.

Book Information

Hardcover: 77 pages

Publisher: Springer; 1st ed. 2016 edition (February 20, 2016)

Language: English

ISBN-10: 4431558292

ISBN-13: 978-4431558293

Product Dimensions: 6.1 x 0.4 x 9.5 inches

Shipping Weight: 10.6 ounces (View shipping rates and policies)

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