Biomedicine: Human Physiology

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Handbook of Cardiac Anatomy, Physiology, and Devices

- Includes companion videos that visualize functional cardiac anatomy jointly developed by the University of Minnesota and the Cardiac Rhythm Management Division at Medtronic, Inc.
- Exhaustively reviews the latest medical devices for diseases of the heart
- Provides a comprehensive resource of information on the anatomic features and underlying physiologic mechanisms of the heart

This book covers the latest information on the anatomic features, underlying physiologic mechanisms, and treatments for diseases of the heart. Key chapters address animal models for cardiac research, cardiac mapping systems, heart-valve disease and genomics-based tools and technology. Once again, a companion of supplementary videos offer unique insights into the working heart that enhance the understanding of key points within the text. Comprehensive and state-of-the-art, the Handbook of Cardiac Anatomy, Physiology and Devices, Third Edition provides clinicians and biomedical engineers alike with the authoritative information and background they need to work on and implement tomorrow's generation of life-saving cardiac devices.

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