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Titolo	Diseases of the Aorta // edited by Robert S. Dieter, Raymond A. Dieter Jr., Raymond A. Dieter III
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ISBN	3-030-11322-1
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Descrizione fisica	1 online resource (486 pages)
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A Timeline History of Aortic Disease and Therapies, Including Surgery -- Embryology and Anatomy of the Aorta -- Pathophysiology of Ascending Aortic Aneurysm and Dissection -- Pathology of the Aorta: Inflammatory and Non-Inflammatory Conditions -- Predisposing to Aneurysm Formation, Dissection, and Rupture -- Genetics of Aortic Diseases -- Imaging of the Aorta -- Vascular Rings -- Coarctation of the Aorta -- Ascending Aortic Dissection, Penetrating Aortic Ulcer, and Intramural Hematoma -- Descending Aortic Dissection, Penetrating Aortic Ulcer, and Intramural -- Hematoma (Acute and Chronic) Including Kommerell's Diverticulum -- Ascending Aortic Aneurysm -- Aortic Arch Aneurysms -- Thoracoabdominal Aneurysms -- Abdominal Aortic Aneurysms -- Abdominal Aortic Occlusive Disease -- Inflammatory and Connective Tissue Disorders of the Aorta -- Aortic Infection: Pathophysiology, Bacteriology, and Management -- Surgical Treatment of the Thoracic Aorta -- Surgical Treatment of the Abdominal Aorta -- Endovascular Repair of the Ascending Aorta and Aortic Arch -- Endovascular Repair of the Thoracic Aorta -- Aortocaval

Fistula -- Aortourinary Fistula: Ureter/Renal -- Congenital Aortic Fistula and More -- Aortotracheobronchial and Aortocutaneous Fistula -- Aortoesophageal Fistula -- Aortoenteric Fistula (Gastric, Small Intestine, Colonic, Biliary) -- Malignant and Benign Aortic Tumors -- Trauma of the Aorta -- Aortic Iatrogenic Injuries -- Acute Aortic Thrombosis -- Management of Aortic Atherothrombi -- Aortic Disease in Pregnancy -- Fetal Aortic Disorders -- Aortic Trauma in Children -- Aortic Valve Repair -- Aortic Pseudoaneurysms -- Ocular Diseases With Aortic Involvement -- Applications of 3D Printing for Aortic Disease -- Multidisciplinary Aortic Centers.

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#### Sommario/riassunto

This book examines various aspects of the aorta, both healthy and diseased states, in 40 chapters of in-depth research by experts in cardiovascular disease. It begins with chapters on the embryology, anatomy, genetics, and physiology of the aorta along with imaging studies used to visualize its structure. The bulk of the book focuses on acute and chronic disorders such as coarctation of the aorta, inflammatory and connective tissue disorders, acute aortic thrombosis, infections, tumors, related ocular diseases, and various aneurysms and fistulas. In addition, it explores aortic disease in pregnancy, fetal aortic disorders, and aortic trauma in children. The book highlights the epidemiology and natural history as well as medical, endovascular, and surgical treatments for each disease. It also discusses valve repair, 3D printing applications, and the role of multidisciplinary aortic centers. Diseases of the Aorta is an indispensable and authoritative resource for cardiologists, cardiovascular surgeons, interventional radiologists, radiologists, and vascular medicine specialists.

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