



## Atlas of CT Angiography : Normal and Pathologic Findings

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- Available Online: View e-Book
- Author: Miclaus, Gratian Dragoslav
- Other Authors: Ples, Horia
- Responsibility: Gratian Dragoslav Miclaus, Horia Ples
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Cardiovascular Diseases - diagnostic imaging  
Cardiovascular Physiological Phenomena  
Cardiovascular System - diagnostic imaging  
Cardiovascular System - pathology  
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Tomography, X-Ray Computed
- Specialty: Cardiology  
Diagnostic Imaging
- Abstract: The second edition of this atlas presents a wealth of normal and pathologic findings observed on CT angiography with 3D reconstruction in diverse clinical applications, including the imaging of cerebral, carotid, thoracic, coronary, abdominal, and peripheral vessels. The superb illustrations display the excellent anatomic detail obtained with CT angiography and depict the precise location of affected structures and lesion severity. Careful comparisons between normal imaging features and pathologic appearances will assist the reader in image interpretation and treatment planning, and the described cases include some very rare pathologies. In addition, the technical principles of the modality are clearly explained and guidance provided on imaging protocols. This edition is the outcome of 18 years of work by a renowned radiological team whose research focuses specifically on vascular pathology of the whole body and the role of CT angiography in its assessment. Numerous new images are presented and three additional chapters address cerebral arteriovenous malformations, congenital cardiac malformations in children and CT venography. The atlas will be invaluable for radiologists, neurologists, neurosurgeons, cardiologists, cardiovascular surgeons, and medical students.
- Contents: 1. Cerebral Angiography – 2. Cerebral Arteriovenous Malformation – 3. Carotid Angiography – 4. Thoracic – 5. Coronary Angiography – 6. Abdominal Angiography – 7. Peripheral Angiography – 8. Congenital Cardiac Malformations in Children - 9. CT Phlebography of the Lower Limb with Antegrade Injection of the Contrast Media.

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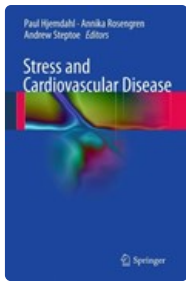
## Atlas of CT angiography : normal and pathologic findings

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- Author: Miclaus, Gratian Dragoslav
- Other Authors: Ples, Horia
- Responsibility: Gratian Dragoslav Miclaus, Horia Ples
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Cardiovascular System - pathology - Atlases  
Tomography, X-Ray Computed - Atlases
- Subjects (LCSH): Angiography - Atlases  
Tomography - Atlases  
Angiography - Digital techniques  
Cardiology  
Neurology
- Abstract: This atlas presents normal and pathologic findings observed on CT angiography with 3D reconstruction in a diverse range of clinical applications, including the imaging of cerebral, carotid, thoracic, coronary, abdominal, and peripheral vessels. The superb illustrations display the excellent anatomic detail obtained with CT angiography and depict the precise location of affected structures and lesion severity. Careful comparisons between normal imaging features and pathologic appearances will assist the reader in image interpretation and treatment planning, and the described cases include some very rare pathologies. In addition, the technical principles of the modality are clearly explained and guidance provided on imaging protocols. This atlas will be of value both to those in training and to more experienced practitioners within not only radiology but also cardiovascular surgery, neurosurgery, cardiology, and neurology.
- Contents: Cerebral Angiography – Carotid Angiography – Thoracic Angiography – Coronary Angiography – Abdominal Angiography – Peripheral Angiography.
- Format: e-Book
- Location: Online

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## Stress and Cardiovascular Disease



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**Other Authors:** Hjerdahl, Paul  
Steptoe, Andrew  
Rosengren, Annika

**Responsibility:** Paul Hjerdahl, Andrew Steptoe, Annika Rosengren, editors

**Place of Publication:** London

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Stress, Psychological - complications

**Subjects (LCSH):** Cardiology

**Abstract:** There is a growing trend for the incorporation of stress management into cardiac rehabilitation programs and into preventive cardiology. However, stress is multifaceted, often misunderstood, and requires as much scientific scrutiny as other pathological processes relevant to cardiology. The quality of research into stress management is variable, and care is required in identifying effective evidence-based methods. There is thus a need for better understanding of stress and its ramifications among cardiologists, other clinicians caring for cardiac patients, and by those involved in primary prevention.

Stress and Cardiovascular Disease provides an up to date survey of research, highlighting the clinical implications of physiological and population studies of stress. Each chapter addresses a particular aspect of this exciting field of basic and clinical research. This multidisciplinary volume will serve as an aid to physicians in their management of stress-related issues in cardiac patients and high-risk individuals.

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| Contents: | 1. Introduction to Cardiovascular Disease, Stress and Adaptation – Part I. Mechanisms – 2. Social Stress and Cardiovascular Disease in Primates – 3. Cardiovascular and Autonomic Responses to Stress – 4. Sympathetic Neural and Adrenal Medullary Mechanisms in Depression and Panic Disorder – 5. Hypothalamic-Pituitary-Adrenal Axis and Cardiovascular Disease – 6. Hemostatic Effects of Stress – 7. Stress, Inflammation, and Coronary Heart Disease – 8. Brain Imaging of Stress and Cardiovascular Responses – Part II. Acute Stress and Triggering – 9. Psychological Triggers for Plaque Rupture – 10. Stress Cardiomyopathy – Part III. Chronic Stress – 11. Psychosocial Factors at Work: The Epidemiological Perspective – 12. Depression and Cardiovascular Disease Progression: Epidemiology, Mechanisms and Treatment – 13. Post-Traumatic Stress Disorder: Emerging Risk Factor and Mechanism – 14. Sleep, Stress and Heart Disease – 15. The Causal Role of Chronic Mental Stress in the Pathogenesis of Essential Hypertension – 16. Metabolic Syndrome and Diabetes – Part IV. Treatment – 17. Stress Management and Behavior: From Cardiac Patient to Worksite Intervention – 18. Exercise to Reduce Distress and Improve Cardiac Function: Moving on and finding the pace – Part V. Treatment of Depression – 19. The Psychological Treatment of Cardiac Patients – 20. Integrating the Management of Psychosocial and Behavior Risk Factors into Clinical Medical Practice – Part VI. Synthesis and Recommendations – 21. Concluding Remarks. |
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