



Autonomic Failure: A Textbook of Clinical Disorders of the Autonomic Nervous System (Oxford Medical Publications)

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This fourth edition of *Autonomic Failure* covers the many recent advances made in our understanding of the autonomic nervous system. There are 20 new chapters and extensive revisions of all other contributions.

This book makes diagnosis increasingly precise by fully evaluating the underlying anatomical and functional deficits, thereby allowing more effective treatment. This new edition continues to provide practitioners from a variety of fields, including neurology, cardiology, geriatric medicine, diabetology and internal medicine, with a rational guide to aid in the recognition and management of autonomic disorders.

The new edition starts with an updated classification of the autonomic disorders and a history of the autonomic nervous system. The first two sections of the book deal with the fundamental aspects of autonomic structure, function and integration. There are new chapters dealing with neurobiology, nerve growth factors, genetic mutations, neural and hormonal control of the cerebral circulation, innervation of the lung and pathophysiological mechanisms causing nausea and vomiting. Advances in the clinical management of autonomic disorders are critically dependent on the bridge between the basic and applied sciences.

The third section of the book examines the many technological advances allowing non-invasive investigation of the autonomic nervous system. Section four examines the primary autonomic failure syndromes, in particular multiple system atrophy, the most common neurodegenerative disorder affecting the autonomic nervous system.

Section five looks at the major peripheral neuropathies, such as diabetes mellitus and includes new chapters on familial dysautonomia and amyloidosis. The sixth and final section has undergone major expansion as there are now many other

disorders known to have considerable autonomic components. New chapters are included on neurocardiology, neurally mediated syncope, cardiac and rhythm causes of syncope, shock, migraine, disorders affecting cutaneous blood flow, the effects of drugs, chemicals and toxins, and ageing.

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Autonomic Failure: A Textbook of Clinical Disorders of the Autonomic Nervous System (Oxford Medical Publications) From Oxford University Press Bibliography

- Sales Rank: #4414570 in Books
- Published on: 2002-12-05
- Ingredients: Example Ingredients
- Original language: English
- Number of items: 1

- Dimensions: 8.60" h x 1.30" w x 10.80" l, 3.18 pounds
- Binding: Paperback
- 592 pages

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Editorial Review

Review

"A wealth of material regarding physiology and pathophysiology. References are up to date, and the quality of the contributions is high, as is that of the illustrations.... Books like these enable neurologists to tackle the field, and that is a significant improvement." --*Brain*

"... a book that no neurologist or indeed anyone with an interest in the autonomic nervous system can afford to be without ... a must for all libraries, and indeed for all those interested in autonomic disorders, and is to be strongly recommended."--*British Journal of Hospital Medicine*

About the Author

Christopher Mathias is at Imperial College School of Medicine at St Mary's Hospital, London. Sir Roger Bannister is at National Hospital for Neurology and Neurosurgery, London.

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