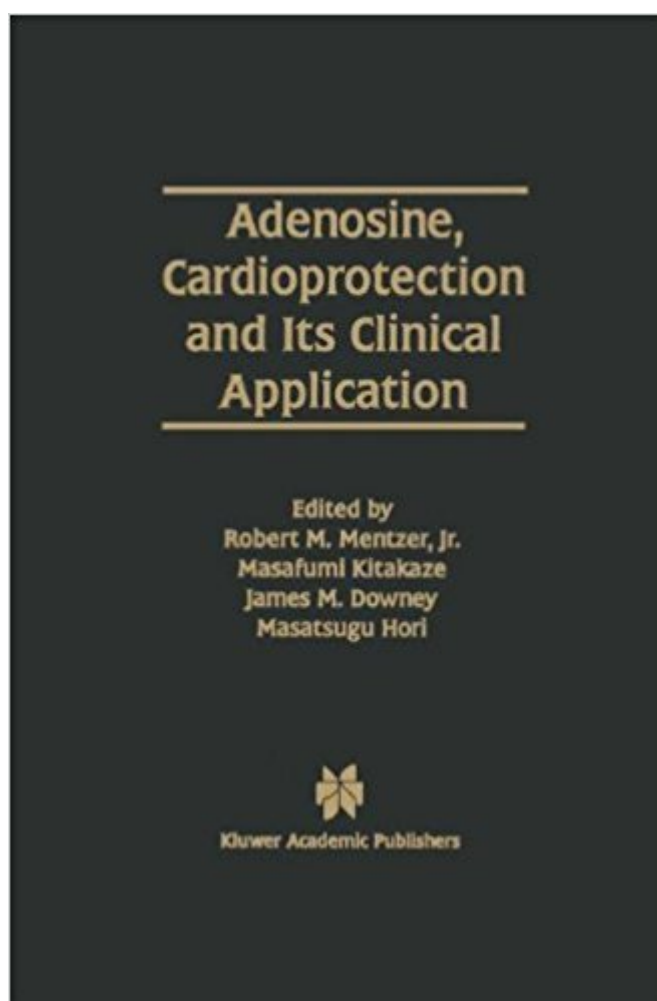


The book was found

Adenosine, Cardioprotection And Its Clinical Application (Developments In Cardiovascular Medicine)



Synopsis

The immense growth in the number of articles on adenosine cardioprotection in recent years has been related in large part to the hypothesis that adenosine plays a role in ischemic preconditioning. Ischemic preconditioning is the phenomenon in which a brief period of ischemia (and reperfusion) prior to a more prolonged occlusion reduces myocardial infarct size. This form of myocardial protection has received much interest because ischemic preconditioning has been shown to be the most potent means of reducing infarct size in all animal models so far tested. Within the last six years, the principal focus of adenosine cardioprotection research has centered on the role of adenosine receptors. It is currently thought that adenosine protects the ischemic heart primarily via the activation of adenosine A1 receptors located on the cardiac myocytes. Adenosine is used clinically for terminating supraventricular tachycardia, and as a diagnostic tool in coronary imaging, and has been used postoperatively for blood pressure control after heart surgery. There are also recent reports that adenosine may be safely tolerated and a potentially beneficial additive to cardioplegic solutions during open heart surgery in humans. There is even evidence that ischemic preconditioning may occur in humans under various clinical situations. This volume contains chapters from contributors to the first three symposia on 'Adenosine, Cardioprotection, and its Clinical Application'. All aspects of adenosine cardioprotection and ischemic preconditioning, including potential mechanisms and clinical applications, are discussed by experts in these areas. The reader will find this book to be an excellent source of information on these topics, as well as a guide to future experiments.

Book Information

File Size: 3254 KB

Print Length: 239 pages

Publisher: Springer; 1997 edition (September 10, 2012)

Publication Date: September 10, 2012

Sold by:Â Digital Services LLC

Language: English

ASIN: B00F5QBYFO

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #4,422,631 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #72

inÂ Books > Medical Books > Pharmacology > Cardiovascular #2555 inÂ Kindle Store > Kindle eBooks > Medical eBooks > Internal Medicine > Cardiology #9413 inÂ Books > Medical Books > Medicine > Internal Medicine > Pathology > Diseases > Cardiovascular

[Download to continue reading...](#)

Adenosine, Cardioprotection and Its Clinical Application (Developments in Cardiovascular Medicine)
Cardiovascular Pharmacology of 5-Hydroxytryptamine: Prospective Therapeutic Applications
(Developments in Cardiovascular Medicine) Animal models in cardiovascular research
(Developments in Cardiovascular Medicine) The Wonders of the Colorado Desert (Southern
California), Vol. 1 of 2: Its Rivers and Its Mountains, Its Canyons and Its Springs, Its Life and Its ...
Journey Made Down the Overflow of the Colo Regional Opioid Analgesia: Physiopharmacological
Basis, Drugs, Equipment and Clinical Application (Developments in Critical Care Medicine and
Anaesthesiology) Drugs Looking for Diseases: Innovative Drug Research and the Development of
the Beta Blockers and the Calcium Antagonists (Developments in Cardiovascular Medicine) Ionic
Channels and Effect of Taurine on the Heart (Developments in Cardiovascular Medicine) Taurine
and the Heart: Proceedings of the Symposium Annexed to the 10th Annual Meeting of the
Japanese Research Society on Sulfur Amino Acids Osaka, ... (Developments in Cardiovascular
Medicine) Lipid-Lowering Therapy and Progression of Coronary Atherosclerosis (Developments in
Cardiovascular Medicine) Symbolism, Its Origins and Its Consequences (Art, Literature and Music in
Symbolism, Its Origins and Its) New methods and recent developments of the stereochemistry of
ephedrine, pyrrolizidine, granatane and tropane alkaloids, (Recent developments in the chemistry of
natural carbon compounds) Handbook of Emergency Cardiovascular Care: for Healthcare Providers
(AHA Handbook of Emergency Cardiovascular Care) Todd's Cardiovascular Review Book Volume
5: Practice Exams for Invasive CV Technology (Todd's Cardiovascular Review Books) Essentials of
Cardiovascular Nursing (Aspen Series in Cardiovascular Nursing) Application of Mutation Breeding
Methods in the Improvement of Vegetatively Propagated Crops: An Interpretative Literature Review
(Developments in crop science) Roberts and Hedges's Clinical Procedures in Emergency
Medicine, 6e (Roberts, Clinical Procedures in Emergency Medicine) Clinical Ethics: A Practical
Approach to Ethical Decisions in Clinical Medicine, Seventh Edition (LANGE Clinical Science)
Advances in Modelling and Clinical Application of Intravenous Anaesthesia (Advances in
Experimental Medicine and Biology) Bone Densitometry in Clinical Practice: Application and
Interpretation (Current Clinical Practice) Clinical Application of Neuromuscular Techniques, Volume

1: The Upper Body, 2e (Clinical Applications of Neuromuscular Techniques)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)