Preventive cardiology is a fast moving field that places emphasis on the prevention and treatment of coronary disease. Preventive Cardiology: Insights Into the Prevention and Treatment of Cardiovascular Disease, Second Edition is intended for clinical cardiologists, internists, primary care providers, and allied health care professionals who wish to extend their knowledge and expertise in the rapidly expanding field of preventive cardiology. It is the mission of this book to provide clinicians with the understanding and tools necessary to implement prevention in their daily practices.

Recent changes in the delivery of health care in the United States and abroad, in conjunction with new scientific evidence supporting the role of preventive strategies in the maintenance of cardiovascular health, have focused new attention and efforts on the field of cardiovascular disease prevention. The field of cardiology is thus making a gradual transition from the technology-driven, intervention-oriented perspective of the last several decades to a new, preventive, molecular-based perspective. As fresh evidence amasses that preventive measures produce a considerable decrease in the incidence of both primary and secondary cardiac events and mortality, there is growing, widespread acknowledgment that health care providers from all arenas must initiate preventive strategies in the management and care of their patients.

Preventive Cardiology: Insights Into the Prevention and Treatment of Cardiovascular Disease, Second Edition hopes to provide clinicians with both the knowledge and expertise to incorporate preventive strategies into their everyday practices. It will not only provide practical information for the management of patients at risk for cardiovascular disease, but also offer an overview of the new paradigms in the pathophysiology of coronary artery disease (CAD). The first part of the book focuses on the atherosclerotic process, the important central role of the endothelium in the maintenance of cardiovascular health, and the role of inflammation in CAD. This section provides a novel current perspective on important emerging concepts in the pathophysiology of coronary atherosclerosis.

The second part focuses on traditional cardiovascular risk factors and provides insights into gender-specific aspects of CAD risk. These insights offer thorough, concise reviews of the various risk factors with preventive strategies outlined for the clinician. The final part of the book provides an overview of approaches for the identification of patients at risk for CAD events and reviews of stress testing in patients with CAD and the important role of antiplatelets in coronary disease. Finally, given the imperatives of cost-containment and health care resource allocation, a chapter on pharmacoeconomics of preventive strategies is included. The goal of Preventive Cardiology: Insights Into the Prevention and Treatment of Cardiovascular Disease, Second Edition is to provide an overview of the exciting opportunities to prevent the progression, and in some instances to regress the process, of coronary atherosclerosis and incorporate these strategies into the daily practice of clinical medicine.

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