



Asymptomatic atherosclerosis : pathophysiology, detection, and treatment /

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Humana Press,

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Monografía

Despite recent advances in the diagnosis and treatment of symptomatic atherosclerosis, available traditional screening methods for early detection and treatment of asymptomatic coronary artery disease are grossly insufficient and fail to identify the majority of victims prior to the onset of a life-threatening event. In *Asymptomatic Atherosclerosis: Pathophysiology, Detection and Treatment*, Dr. Morteza Naghavi and leading authorities from the Society for Heart Attack Prevention and Eradication (SHAPE) present a new paradigm for the screening and primary prevention of asymptomatic atherosclerosis. The text focuses on accurate, yet underutilized, measures of subclinical atherosclerosis, notably coronary artery calcium scanning and carotid intima-media thickness measurement. The authors introduce a comprehensive approach to identifying the vulnerable patients (asymptomatic individuals at risk of a near future adverse event). Additional chapters discuss future directions towards containing the epidemic of atherosclerotic cardiovascular disease using innovative solutions such as preemptive interventional therapies (bioabsorbable stents) for stabilization of vulnerable atherosclerotic plaques, mass unconditional Polypill therapy for population-based risk reduction, and ultimately vaccination strategies to prevent the development of atherosclerosis. Up-to-date and authoritative, *Asymptomatic Atherosclerosis: Pathophysiology, Detection, and Treatment* is a must-have for any cardiologist or primary care physician who wishes to practice modern preventive cardiology and manage the increasing number of asymptomatic atherosclerotic patients. Outlines more accurate measures of risk (coronary artery calcium and carotid intima-media thickness) than traditional risk factors (total cholesterol, LDL cholesterol, HDL cholesterol) Presents new multipronged strategies to aid in the early detection and treatment of high risk asymptomatic patients

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Título: Asymptomatic atherosclerosis pathophysiology, detection, and treatment edited by Morteza Naghavi

Editorial: [New York] Humana Press ©2010

Descripción física: 1 online resource (xxii, 737 pages) illustrations (some color), portraits

Tipo Audiovisual: geneeskunde medicine volksgezondheid public health eerstelijnsgezondheidszorg primary health care cardiologie cardiology Medicine (General) Geneeskunde (algemeen)

Mención de serie: Contemporary cardiology

Bibliografía: Includes bibliographical references and index

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Lengua: English

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ISBN: 9781603271790 1603271791 1282928139 9781282928138 9786612928130 6612928131 9781603271783 1603271783

Materia: Atherosclerosis Arteriosclerosis- Diagnosis Arteriosclerosis- Treatment Atherosclerosis- diagnosis Atherosclerosis- physiopathology Atherosclerosis- therapy MEDICAL- Cardiology Médecine Arteriosclerosis- Treatment Atherosclerosis

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Enlace a formato físico adicional: Print version Asymptomatic atherosclerosis. [New York] : Humana Press, ©2010 9781603271783 1603271783 (DLC) 2009930357 (OCOLC)233933570

Punto acceso adicional serie-Título: Contemporary cardiology (Totowa, N.J.)

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