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| Altri autori (Persone) | MooreWesley S JimenezJuan Carlos |
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| Nota di contenuto | Contents; Contributors; 1. Atherosclerosis: Basic Principles and Medical Management; 1. Introduction; 2. Pathogenesis of Atherosclerosis; 2.1 Normal arterial anatomy; 2.2 Etiology and progression of disease; 2.2.1 Intimal thickening; 2.2.2 Fatty streaks; 2.2.3 Fibrofatty lesions/gelatinous plaques; 2.2.4 Fibrous plaques; 2.2.5 Complicated lesions; 2.3 Classification of vascular lesions; 2.4 Atherosclerosis at the cellular level; 2.4.1 Endothelium; 2.4.2 Smooth muscle cells; 2.4.3 Macrophages; 3. Theories of Atherogenesis; 3.1 Response to injury hypothesis; 3.2 Lipid hypothesis 3.3 Thrombogenic hypothesis3.4 Mesenchymal hypothesis; 3.5 Monoclonal hypothesis; 4. Lesion Arrest and Regression -Plaque Modification; 5. Mechanism of Injury; 5.1 Tobacco; 5.2 Hypertension; 5.3 Shear forces; 5.4 Hyperlipidemia; 5.5 Diabetes; 5.6 Infection; 6. Atherosclerosis Basic Principles and Medical Management; 6.1 Risk factors for atherosclerotic disease and modification strategies; 6.2 Smoking; 6.3 Diabetes mellitus; 6.4 Hypertension; 6.5 Dyslipidemia; 6.6 Metabolic syndrome; 6.7 Emerging novel risk factors; 6.8 Surveillance and secondary prevention; 7. Conclusions; References |

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Sommario/riassunto

Treatment of vascular disease has progressed and evolved rather quickly in the last 5-10 years with current treatments improving and changing rapidly. This handbook serves to educate medical students and surgery residents regarding the most up-to-date treatments for arterial, venous and lymphatic disease. Endovascular management of these disorders has emerged rapidly and the most current techniques will be covered in detail.
