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Titolo	Mechanisms of Vascular Disease : A Textbook for Vascular Specialists / / edited by Robert Fitridge
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Descrizione fisica	1 online resource (XXII, 733 p. 118 illus., 90 illus. in color.)
Disciplina	617.413 616.15
Soggetti	Vascular surgery Internal medicine Vascular Surgery Internal Medicine Malalties vasculars Fisiologia patològica Cirurgia vascular Radiologia Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Endothelium -- Atherosclerosis -- Imaging of atherosclerotic plaque and mechanisms of plaque rupture -- Current and Emerging Therapies in Atheroprotection -- Pathophysiology of angiogenesis and its role in vascular disease -- Vascular Biology of smooth muscle cells and restenosis, interventional strategies -- Vascular Arterial Haemodynamics -- Computerised fluid dynamics -- Physiological Haemostasis -- Hypercoagulable States -- Platelets in the Pathogenesis of Vascular Disease and their role as a therapeutic target -- Pathogenesis of Aortic Aneurysms -- Pathophysiology and management of genetic/ hereditary aortopathies -- Pathophysiology of Aortic dissection and connective tissue disorders -- Biomarkers in vascular disease -- Pathophysiology and principles of management of vasculitides -- Pathophysiology and principles of management of

Raynaud's phenomenon -- SIRS, Sepsis and Multi-organ failure -- Pathophysiology of reperfusion injury -- Abdominal Compartment syndromes -- Limb Compartment Syndromes -- Pathophysiology of pain -- Post-amputation pain -- Treatment of neuropathic pain -- Principles of wound healing -- Pathophysiology and principles of varicose veins -- Pathophysiology and principles of management of the diabetic foot -- Lymphoedema – Principles, genetics and pathophysiology -- Graft materials past and future -- Pathophysiology of vascular graft infections -- Principles of radiation biology and radiation safety in vascular surgery.-Surgical Innovation and assessment of new technologies in Vascular Surgery. .

Sommario/riassunto

This extensively revised third edition provides a practically applicable guide to the pathophysiology, assessment and management of vascular disorders encountered in vascular surgical practice. It features detailed information on the latest developments in the pathophysiology of conditions including atherosclerosis, multi-organ failure, limb compartment syndromes and Raynaud's phenomenon in a clear easy to digest format. Disorders such as reperfusion injuries, vasculitides, and aortic dissection are covered. Furthermore, key topics in vascular and endovascular practice such as radiation biology and radiation safety are also detailed. Each chapter contains a set of learning objectives and key references, enabling the reader to quickly identify key points.

Mechanisms of Vascular Disease: A Textbook for Vascular Specialists comprehensively covers a variety of common and unusual pathophysiologies encountered in vascular surgery, and is an ideal resource for both the trainee, and practicing clinical vascular surgeon seeking an up-to-date resource on the topic.
