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Vascular Mechanics And Pathology

Vascular Mechanics and Pathology illustrates aneurysm formation, growth, and rupture, using pressure vessel principles. This new work details the investigation of, amongst other topics, aortic dissection, showing for the first time that the aortic root mechanics plays a vital role in the development of this pathology.

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time that the aortic root mechanics plays a vital role in the development of this pathology. Key topics:

Atherosclerosis

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The purpose of the book is to bring the two disciplines - vascular mechanics and pathology - together. In addition, the book bridges the gap in our knowledge and enhances engineering applications in medicine. This cutting-edge work presents the use of veins as arterial

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grafts and discusses the role of vein valves in graft stenosis.

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Vascular Mechanics and Pathology

In recent years, the mechanisms and

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Vascular ossification: Pathology, mechanisms, and clinical ...

Computational Models of Vascular Mechanics Joseph R. Leach, Mohammad

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R. Kaazempur Mofrad, and David Saloner
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Chapter 4 Computational Models of Vascular Mechanics

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The pathology and pathophysiology of vascular dementia

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Thubrikar, Vascular Mechanics and Pathology, 2007, Buch, 978-0-387-33816-3. Bücher schnell und portofrei

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Computational Vascular Biomechanics Lab - Home for the ...

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The purpose of the book is to bring the two disciplines - vascular mechanics and

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Increased vascular permeability contributes to many diseases, including acute respiratory distress syndrome, cancer and inflammation. Most past work on vascular barrier function has focused on soluble regulators, such as tumour-necrosis factor- α .

Control of lung vascular permeability and endotoxin ...

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