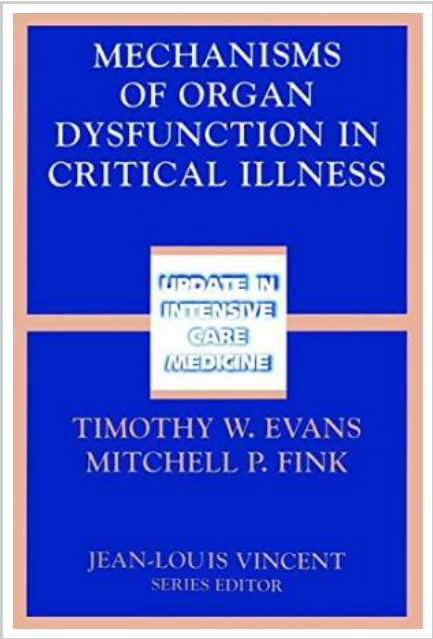


DOWNLOAD PDF

Mechanisms of Organ Dysfunction in Critical Illness

By Evans, Timothy W. / Fink, Mitchell P.

Book Condition: New. Publisher/Verlag: Springer, Berlin | The pathophysiology of sepsis can be regarded as a series of steps, beginning with the invasion of normally sterile tissue by microbes and the elaboration of various pro-inflammatory mediators. The final common pathway is often the development of the multiple organ dysfunction syndrome (MODS). Whereas a great deal has been learned during the past quarter century about the inflammatory processes associated with sepsis (and other related conditions, such as ischemia/reperfusion injury), our understanding is far less developed with respect to the pathophysiological events that lead to organ dysfunction under these conditions. Nevertheless, efforts by both clinical and laboratory scientists are leading to new knowledge in this area. The chapters in this volume provide a state-of-the-art overview of many aspects of the pathophysiology of organ dysfunction in critical illness. | Mitochondrial Biology.- Cellular Responses to Hypoxia: Role of Oxidant Signal Transduction.- The Mitochondrial Permeability Transition: A 'Pore 'Way to Die.- Cytopathic Hypoxia in Circulatory Shock: The Role of Poly (ADP-Ribose) Synthetase Activation.- Derangements in Cellular Oxygen Metabolism.- Pharmacologic and Metabolic Mitochondrial Rescue.- Leukocytes and Cell Signaling Mechanisms in Inflammation.- Role of Leukocytes in Sepsis and Lung Injury.- Dysregulated Neutrophil Apoptosis in the Pathogenesis of...

READ ONLINE
[6.49 MB]

Reviews

An extremely wonderful book with lucid and perfect information. It is one of the most awesome publication i have read. Your life period will probably be enhance the instant you total looking at this pdf.

-- ***Prof. Dan Windler MD***

It is really an amazing publication i actually have at any time read. It is really simplistic but unexpected situations inside the 50 percent of your pdf. Its been written in an exceptionally simple way in fact it is just right after i finished reading this ebook where actually transformed me, alter the way i really believe.

-- ***Dr. Celestino Spinka III***