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Titolo	Acute kidney injury : causes, diagnosis, and treatments // Jonathan D. Mendoza, editor
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Altri autori (Persone)	MendozaJonathan D
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents -- Preface -- How to Define and Classify Acute Kidney Injury (AKI): The "Risk Injury Failure Loss of Kidney Function End-Stage Kidney Disease" (RIFLE) and "Acute Kidney Injury Network" (AKIN) Classifications -- Abstract -- Introduction -- The Risk Injury Failure Loss of Kidney Function End-Stage Kidney Disease (RIFLE) Classification -- Validation of the RIFLE Criteria -- Hospitalized Patients -- ICU Patients -- Patients Undergoing Cardiac Surgery Patients Undergoing Aortic Arch Surgery -- Patients Undergoing Abdominal Aortic Surgery -- Chirrotic Patients -- Patients Submitted to Hepatic Transplantation -- Septic Patients -- Burn Patients -- Critically Ill Human Immunodeficiency Virus Infected Patients -- Trauma Patients -- Patients Receiving Hematopoietic Stem Cell Transplantation -- Strengths and Weaknesses of the RIFLE Classification -- Strengths of the RIFLE Classification -- Weaknesses of the RIFLE Classification -- The Acute Kidney Injury Network (AKIN) classification Strengths and Weaknesses of the AKIN Classification -- Strengths of the AKIN Classification -- Weaknesses of the AKIN Classification -- Which Classification Should We Use in Clinical Practice? -- References -- Acute Renal Failure in the Newborn (NB) -- Abstract -- Introduction -- Characteristics of the Kidney in the Newborn -- Acute Renal Impairment in Newborns -- Physiopathology -- Definition of AKI -- Diagnosis of AKI: Clinical and Laboratorial Aspects -- New Biomarkers -- Suggested Intervals for the Control of Renal Function Handling the

IRA in the NB -- Prognosis of the NB with AKI -- Conclusion --
References -- Kidney Ischemia and Reperfusion Injury -- Abstract --
Kidney Ischemia and Reperfusion Injury -- Vascular Endothelial Cells
-- Tubular Epithelial Cells -- Activation of Kidney Resident Cells and
Kidney-Infiltrating Leukocytes -- T-Lymphocytes -- Increased Factors
after IRI -- Adhesion Molecules -- Cytokines and Chemokines --
Hypoxia-Inducible Factor -- Toll-Like Receptors -- Changes in Renal
Tissue after IRI FTY720 -- Modulates the Inflammatory Process after IRI
(74) -- References -- Long-Term Prognostic Implication of Post-
Angiographic Acute Kidney Injury and Hemodynamic Instability --
Abstract -- Introduction -- Post-Angiographic AKI -- Role of
Hemodynamics in the Formation of Post-Angiographic AKI -- Lessons
from Animal Models -- Role of Hemodynamics in the Incidence of
Post-Angiographic AKI -- from the Clinical Points of Views -- Short-
Term Prognosis of Post-Angiographic AKI -- Long-Term Prognosis
and Post-Angiographic AKI: Role of Hemodynamics.

Sommario/riassunto

Presents topical research data in the study of the causes, diagnosis and treatment of acute kidney injury (AKI). This book discusses topics that include classification of AKI; acute renal failure in the newborn; kidney ischemia and reperfusion injury; pandemic H1N1 influenza A infection and AKI; biomarkers in acute kidney injury; and, more.
