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Titolo	Acute kidney injury [[electronic resource]] : causes, diagnosis, and treatments / / Jonathan D. Mendoza, editor
Pubbl/distr/stampa	New York, : Nova Biomedical/Nova Science Publishers, c2011
ISBN	1-61942-063-5
Descrizione fisica	1 online resource (200 p.)
Collana	Nephrology research and clinical developments
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.