



Cardio-renal clinical challenges

<https://libcat.nshealth.ca/en/permalink/provcat33624>

- Available Online: View e-Book
- Other Authors: Goldsmith, David
Covic, Adrian
Spaak, Jonas
- Responsibility: David Goldsmith, Adrian Covic, Jonas Spaak, editors
- Place of Publication: Cham, Switzerland
- Publisher: Springer
- Date of Publication: c2015
- Physical Description: 1 online resource (xiii, 234 pages)
- ISBN: 9783319091624 (electronic bk.)
9783319091617
- Subjects (MeSH): Cardiovascular Diseases - complications
Renal Insufficiency, Chronic - complications
Comorbidity
- Subjects (LCSH): Cardiovascular system - Diseases
Kidneys - Diseases
Heart - Diseases
- Abstract: This book provides a comprehensive overview of the clinical challenges faced during the treatment of patients with cardiorenal syndrome (CRS). The bidirectional link that associates renal and cardiovascular diseases means that patients with CRS have an increased risk of hospital admission and mortality as a result of their coexistence yet, there are no agreed guidelines for their management. Cardio-Renal Clinical Challenges takes clinical presentations and clinical problems as its base, and then discusses the evidence for best management of common clinical problems and the reasons for the complex interplay between the cardiac and renal systems. In addition, the link between heart failure and chronic kidney disease (CKD) can impose a considerable epidemiological burden thus this text also aims to address the issue of organizing healthcare to maximize both the opportunities for prevention and best healthcare economic returns.

Contents:	Part I. Cardiovascular Disease (CVD) in Chronic Kidney Disease (CKD): Same or Different? – 1. Epicardial Coronary Heart Disease in CKD: Diagnosis and Management – 2. Small Vessel Disease in CKD, Diabetes, Obesity and Hypertension – 3. Sudden Cardiac Death and Arrhythmia in CKD – 4. Anticoagulation in CKD – 5. MRA Inhibition in CKD: More Than Salt and Water – 6. Vascular Effects of Inflammation and Oxidative Stress in CKD – 7. Uric Acid, Allopurinol: The Cardio-Renal Silver Bullet? – 8. FGF23 and Phosphate: Two Cardiovascular Toxins with Distinct Toxicity Profiles? – 9. Renal Congestion in Heart Failure – 10. Effect of Vitamin D on Endothelial Function and Blood Pressure – 11. Vitamin D and Its Effects on the Heart – Part II. CKD Complicating Cardiovascular Presentations, Treatment and Outcome – 12. Volume Overload in CKD: Pathophysiology, Assessment Techniques, Consequences and Treatment – 13. Reversing Arterial Stiffening and Calcification: A Pipe Dream? – 14. Pulmonary Hypertension in CKD: A New Problem Child – 15. How to Use Inhibitors of the Renin-Angiotensin- Aldosterone System in Patients with CKD and Heart Failure – 16. Erectile and Sex Hormone Dysfunction and Cardiovascular Consequences in CKD – 17. Renal Sympathetic Denervation in the Management of Treatment- Resistant Hypertension - - Part III. New Ways of Working for the Twenty-first Century: Rising to the Challenge of Comorbid Patients – 18. Future Therapeutic Prospects for Treatment of Cardiorenal Syndromes – 19. Novel Combination Therapy to Target Heart and Kidney – 20. Challenging Complex Diseases – 21. Is “Me, Me, Me” the New “We, We, We”? : Can We Afford (Not) to Take the Plunge into the Personalised, Stratified Medicine Era? – 22. Psychological Distress in Physical Long-Term Conditions.
Format:	e-Book
Location:	Online