

Stellingen behorende bij het proefschrift:

HEART-KIDNEY INTERACTIONS and their temporal relationships

1. Although the failing heart affects both the glomerular and tubular compartments of the kidneys, detrimental effects on these renal compartments are usually not temporally coupled. (*this thesis*)
2. Individual patterns of change of renal markers are useful for personalized risk profiling in patients with chronic HF. (*this thesis*)
3. The temporal profiles of new HF-candidate biomarkers strongly predict adverse clinical outcome during outpatient follow-up of patients with chronic HF. (*this thesis*)
4. Decrease or withholding of ACE-i/ARBs solely based on glomerular function is not justified in patients with chronic HF because of their beneficial cardiac, tubular and anti-inflammatory effects. (*this thesis*)
5. Preoperative right atrial pressure and pulmonary artery pulsatility index contain important prognostic information for acute kidney injury early after heart transplantation. (*this thesis*)
6. In patients with ACS, plasma CysC levels indicate renal deterioration earlier than creatinine-based indices do, and higher CysC levels contain prognostic information for the recurrence of ACS and death in patients with mild-to-moderate renal dysfunction. (*this thesis*)
7. Biomarker profiling, enhanced phenotyping and advanced imaging techniques represent important steps forward in the classification of HF. When proteomic, metabolomic and genomic platforms are added it will become possible to dissect HF into a set of specific disease conditions that will lead to rational personalized patient management. *Braunwald E – Eur J Heart Fail. 2015;17(10):988-990.*
8. A new innovative approach to address chronic diseases such as HF is required to provide sustainability of care and to limit the excessive costs that may threaten the current system. This needs not only adoption and smarter use of modern technology, but also new a vision on both care and health. *Brunner-La Rocca HP – Card Fail Rev. 2015;1(2):96-101.*
9. The marriage between the heart and kidney is like any other relationship; it resembles a rollercoaster ride with frequent ups and downs, and in some cases, an unexpected early ending. However, once either falls ill, the other organ frequently suffers as well. *Damman K – Eur Heart J. 2015;36:1437-44.*
10. Renal function is the Cinderella of the cardiovascular risk profile. *Ruilope LM – J Am Coll Cardiol. 2001;38(7):1782-1787.*
11. Knowledge is the light that illuminates our way through life. *Michael Pupin*