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## Diuretic response and renal function in heart failure

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### **Diuretic response and renal biomarkers in heart failure**

1. Diuretic response/resistance is the resultant of the complex interaction between cardiac and renal dysfunction and specific renal adaptation and escape mechanisms (this thesis)
2. Biomarkers have limited value in identifying patients at risk of a poor diuretic response (this thesis)
3. In the treatment of acute heart failure patients, it's all about the context (this thesis)
4. In order to improve treatment and outcome of acute heart failure patients, prospective studies using diuretic response metrics to establish a poor diuretic response and subsequently investigate alternative treatment strategies are the (logical) necessary next step (this thesis)
5. Implementation of metrics of decongestion such as diuretic response and hemoconcentration in the clinic may improve adequate treatment adaptation
6. The often overlooked electrolyte, (low) chloride, is associated with impaired decongestion and has greater prognostic value than sodium in acute heart failure (this thesis)
7. Plasma KIM-1 is not clinically useful as a tubular marker in heart failure (this thesis)
8. Fibroblast Growth Factor 23 might be the most promising prognostic marker in heart failure since the introduction of Brain Natriuretic Peptide (this thesis)
9. 24-hour urinary creatinine excretion identifies heart failure patients with muscle wasting or cachexia, its clinical applicability however remains unclear (this thesis)
10. If you can't explain it simply, you don't understand it well enough – Albert Einstein
11. The best is yet to come – Brian C. Houston
12. Friendship is unnecessary like philosophy, like art. It has no survival value; rather it is one of those things which give value to survival – C.S. Lewis
13. De kunst van het borrelen vergroot significant het succes van een promotietraject
14. I believe in Christianity as I believe the sun has risen; not only because I see it, but because by it I see everything else – C.S. Lewis
15. Facts are stubborn, but statistics are more pliable – Mark Twain