



Universiteit
Leiden
The Netherlands

Heart and kidney, a dynamic relationship

Buiten, M.S.

Citation

Buiten, M. S. (2015, October 1). *Heart and kidney, a dynamic relationship*. Retrieved from <https://hdl.handle.net/1887/35607>

Version: Corrected Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/35607>

Note: To cite this publication please use the final published version (if applicable).

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/35607> holds various files of this Leiden University dissertation

Authors: Buiten, Maurits

Title: Heart and kidney : a dynamic relationship

Issue Date: 2015-10-01

Stellingen behorend bij het proefschrift

"HEART AND KIDNEY A DYNAMIC RELATIONSHIP"

1. Accurate risk stratification in patients with ESRD are crucial to guide our clinical decision making, improve patient prognosis and provide opportunities for personalized medicine. (This thesis)
2. A distinct relationship between atrial fibrillation and the hemodialysis procedure exists as atrial fibrillation occurs mainly during the hemodialysis procedure itself. (This thesis)
3. Cardiac troponin I might be superior to cardiac troponin T as a marker for left ventricular dysfunction in clinically stable dialysis patients. (This thesis)
4. While a deficiency of soluble Klotho has been proposed as the missing link in the detrimental relationship between heart and kidney, we argue that the link is still missing. (This thesis)
5. Patients with chronic kidney disease suffer from more ICD related complications than patients without kidney disease due to kidney dysfunction itself, as well as a high burden of risk-factors associated with device complications. (This Thesis)
6. Sudden cardiac death is the leading cause of death in patients with renal failure and therefore it is of paramount importance to gain insights in the relationship between heart and kidney in this vulnerable patient group. (Based on KDIGO annual data report 2013)
7. Most observations on predictors of morbidity and mortality in dialysis patients provide pieces of a puzzle without a unifying hypothesis, akin to the story of the blind men palpating an elephant, set in a poem by John Godfrey Saxe. (Based on; Himmelfarb; Kidney Int. 2002)
8. The consensus is that this data has no scientific merit as the data presented are negative. (Prof. Nobuhisa Hagiwara, Editor-in-Chief Heart and Vessels on chapter IV of this thesis)
9. Data from prospective, randomized studies examining the effect of ICD therapy in patients with end stage renal disease are lacking and therefore no general consensus on the use of ICD's in these patients exists. (Based on Chen PLOS one 2014)
10. While the absence of gut has traditionally been associated with a lack of glory, a kidney deficiency appears to be even less glorious.
11. An interest in science and a certain amount of intelligence are essential for starting a PhD. Finishing a PhD however, requires good communication skills and strong organisational capacities as well as a strategic seat near the coffee machine and high quality headphones.

The blind men and the elephant

It was six men of Indostan
To learning much inclined,
Who went to see the Elephant
(Though all of them were blind),
That each by observation
Might satisfy his mind.

The *First* approached the Elephant,
And happening to fall
Against his broad and sturdy side,
At once began to bawl:
"God bless me! but the Elephant
Is very like a wall!"

The *Second*, feeling of the tusk,
Cried, -"Ho! what have we here
So very round and smooth and sharp?
To me 'tis mighty clear
This wonder of an Elephant
Is very like a spear!"

The *Third* approached the animal,
And happening to take
The squirming trunk within his hands,
Thus boldly up and spake:
"I see," quoth he, "the Elephant
Is very like a snake!"

The *Fourth* reached out his eager hand,
And felt about the knee.
"What most this wondrous beast is like
Is mighty plain," quoth he,
"'Tis clear enough the Elephant
Is very like a tree!"

The *Fifth*, who chanced to touch the ear,
Said: "Even the blindest man
Can tell what this resembles most;
Deny the fact who can,
This marvel of an Elephant
Is very like a fan!"

The *Sixth* no sooner had begun
About the beast to grope,
Then, seizing on the swinging tail
That fell within his scope,
"I see," quoth he, "the Elephant
Is very like a rope!"

And so these men of Indostan
Disputed loud and long,
Each in his own opinion
Exceeding stiff and strong,
Though each was partly in the right,
And all were in the wrong!

John Godfrey Saxe's (1816-1887)