

A novel paradigm for heart failure with preserved ejection fraction

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Propositions accompanying the dissertation:

A novel paradigm for heart failure with preserved ejection fraction

Working towards understanding the pathology of HFpEF

Ilona Jacqueline Nicola Maria Cuijpers

1. Well-considered evaluation of anaesthetic usage during the echocardiographical diagnosis of diastolic dysfunction is essential in both animal models and patients (This thesis).
2. The current paradigm for the development of HFpEF is merely based on established HFpEF in patients and rodent models, rather than disease progression and early characteristics of HFpEF (This thesis).
3. To develop efficient therapeutics for HFpEF and improve the diagnosis of HFpEF, an improved understanding of early pathological processes is essential. The development of several novel animal models having multiple physiological comorbidities is crucial to mimic the early development of this clinically heterogeneous disease (This thesis).
4. Targeting the microvasculature, especially stabilizing pericytes, could be a novel preventive strategy for HFpEF, while early detection of microvascular abnormalities could improve the diagnosis of HFpEF (This thesis).
5. Reducing left ventricular stiffness by the clinically used anti-diabetic drug linagliptin could prevent the development of metabolic risk-induced diastolic dysfunction (This thesis).
6. “Research is to see what everybody else has seen and think what nobody has thought.” – Albert Szent-Györgyi
7. Even if we discover all the molecular pathways in a disease, we still have to cure the patient.
8. “A correct diagnosis is three-fourth the remedy” – Mahatma Gandhi
9. “The greatest glory in living lies not in never falling, but in rising every time we fall” – Nelson Mandela
10. “Great things are not done by impulse, but by a series of small things brought together” – Vincent van Gogh
11. “Euveral lik gelök verborge, want dit is weer eine nuje murge. Wat der daag auch bringe moog, ich houw van bloome, ich houw van vandaag”- gebaseerd op Gelök van Ben Verdellen