

Atrioventricular imaging to predict outcome in dilated cardiomyopathy

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Stellingen behorend bij het proefschrift:

Atrioventricular imaging to predict outcome in dilated cardiomyopathy

Towards a multimodality approach

Anne Gertrude Raafs

6 december 2022

1. Left atrial conduit strain is a strong and independent predictor of outcome in dilated cardiomyopathy patients, superior to left ventricular strain, ejection fraction and left atrium volume index, and incremental to late gadolinium enhancement. *(dit proefschrift)*
2. Patients with LGE and elevated PICP have a myocardial pro-fibrotic and pro-inflammatory transcriptomic profile. *(dit proefschrift)*
3. T1, ECV and LGE should be used complementary to synergize the detection and distinction of diffuse (T1 and ECV) and focal (LGE) myocardial fibrosis in DCM. *(dit proefschrift)*
4. Measurement of myocardial function, circulating biomarkers and advanced non-invasive imaging of myocardial tissue are complementary in the detection and distinction of myocardial fibrosis and should be combined in the clinical follow-up of DCM patients. *(dit proefschrift)*
5. Extending the possibilities of non-invasive imaging tools will optimize the prediction of disease course and prognosis and provide possibilities for personalized follow-up treatment options. *(dit proefschrift, scientific and societal impact)*
6. The limitations of LVEF as a measure of systolic function are well known – it is load dependent, insensitive to subtle reductions in contractility, and only moderately reproducible by echocardiography *(Carolyn Lam)*
7. With expanding recognition that DCM represents a collection of complex multi-chamber disease states influenced by intrinsic and extrinsic factors, we must strive to identify a broader collection of validated phenomic and genomic markers on which to deliver personalized care. *(James A. White)*
8. The central problem in heart failure is not that patients are short of breath or that they retain fluid: the problem is that they die. Heart failure is a mortal illness, more serious than most malignancies. *(Arnold M. Katz)*
9. Ik heb het nog nooit gedaan, dus ik denk dat ik het wel kan. *(Pippi Langkous)*
10. Promoveren is als het lopen van de Nijmeegse vierdaagse; vooraf heb je er ontzettend veel zin in, halverwege vraag je je af waar je aan begonnen bent, maar eenmaal voltooid ben je de koning te rijk. *(Emile Gras)*
11. Je hebt je hersenen niet voor niets gekregen, zorg er ook voor dat je ze gebruikt. *(Oma Truus / Brigit Raafs)*