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Title: Clinical applications of non-invasive imaging techniques in suspected coronary artery disease and in acute myocardial infarction

Issue Date: 2015-04-02

Stellingen behorend bij het proefschrift:

“Clinical Applications of Non-invasive Imaging Techniques in Suspected Coronary Artery Disease and in Acute Myocardial Infarction”

1. In intermediate Framingham Risk Score patients, coronary artery calcium scoring and multi-slice computed tomography coronary angiography may provide useful information on the presence of subclinical atherosclerosis. (*G Nucifora et al. J Nucl Cardiol 2009;16:368-75*)
2. Although a causal relationship between coronary artery disease and atrial fibrillation has not yet been established, coronary artery disease is considered to be highly prevalent among patients with atrial fibrillation and may be one of its potential etiologic factors. (*G Nucifora et al. Circ Cardiovasc Imaging. 2009;2:100-106*)
3. Left ventricular dyssynchrony soon after acute myocardial infarction has an additional detrimental impact on left ventricular performance, beyond the infarct size itself. (*G Nucifora et al. Am J Cardiol 2010;105:306-311*)
4. Early assessment of left ventricular torsion after acute myocardial infarction by speckle tracking echocardiography could identify patients who may benefit from aggressive medical therapy to prevent left ventricular remodeling, heart failure, and poor outcome. (*G Nucifora et al. Circ Cardiovasc Imaging 2010;3:433-442*)
5. Despite extensive studies and development of several risk prediction models, traditional coronary heart disease risk factors fail to predict development of coronary heart disease in a large group of cases. (*M Naghavi et al. Circulation 2003;108:1772-1778*)
6. Factors other than obstructive coronary artery disease are responsible for the increased mortality in atrial fibrillation. (*JW Askew et al. J Am Coll Cardiol 2007;50:1080-5*)
7. Left ventricular dyssynchrony immediately after acute myocardial infarction predicts left ventricular remodeling at 6-month follow-up. (*SA Mollema et al. J Am Coll Cardiol 2007;50:1532-40*)
8. Vortices that form during left ventricular filling have specific geometry and anatomical location that are critical determinants of directed blood flow during ejection. (*GR Hong et al. JACC Cardiovasc Imaging 2008;1:705-717*)
9. The reality of the other person is not in what he reveals to you, but in what he cannot reveal to you. (*Kahlil Gibran 1883-1931, Sand and Foam*)
10. Imagination is more important than knowledge. For while knowledge defines all we currently know and understand, imagination points to all we might yet discover and create. (*Albert Einstein 1879-1955*)
11. Only the light that one turns on to itself, shines later also for others. (*Arthur Schopenhauer 1788-1860, Parerga and Paralipomena*)
12. Can we actually "know" the universe? My God, it's hard enough to find your way around in Chinatown. (*Woody Allen 1935-alive, Getting Even*)