

## QUANTIFICATION IN NON-INVASIVE CARDIAC IMAGING: CT AND MR

Alexia Rossi  
Rotterdam, 28 Juni 2013

- 1 Sequential CT coronary angiography acquisition protocols should be preferentially used with dual-source systems in order to comply with the "as low as reasonably achievable (ALARA)" principle.  
(From this thesis)
- 2 Quantitative anatomical parameters derived from CT coronary angiography do not predict the haemodynamic impact of coronary stenosis.  
(From this thesis)
- 3 The addition of CT quantification of myocardial blood flow to the standard anatomical CT coronary angiography provides complementary functional information in a single, non-invasive examination. This has the potential to improve patient management.  
(From this thesis)
- 4 In asymptomatic adults with a stenosed bicuspid aortic valve there is a progressive increase of aortic diameters over time, which is maximal at the level of the tubular portion of the ascending aorta.  
(From this thesis)
- 5 The high aortic peak velocity with concomitant turbulence in the aortic root and in the tubular portion of the ascending aorta is one of the factors which may explain the aortic dilatation observed in patients with a bicuspid aortic valve.  
(From this thesis)
- 6 Pregnant women requiring cardiac magnetic resonance should be studied in a consistent position for serial studies and the left lateral decubitus position should be preferred from early pregnancy onwards.  
(From this thesis)
- 7 Good doctors use both individual clinical expertise and the best available external evidence, and neither alone is enough.  
(Sackett DL et al. BMJ 1996; 312: 71-72)
- 8 Measure what can be measured, and make measurable what cannot be measured.  
(Galileo Galilei)
- 9 If we knew what it was we were doing, it would not be called research, would it?  
(Albert Einstein)
- 10 New opinions often appear first as jokes and fancies, then as blasphemies and treason, then as questions open to discussion, and finally as established truths.  
(George Bernard Shaw)
- 11 Your time is limited, so don't waste it living someone else's life. Don't be trapped by dogma – which is living with the results of other people's thinking. Don't let the noise of other's opinions drown out your own inner voice. And most important, have the courage to follow your heart and intuition. They somehow already know what you truly want to become. Everything else is secondary.  
(Steve Jobs)