# Propositions

Accompanying the thesis:
MRI-based Biomechanical Modeling of Carotid Atherosclerotic Plaques
– The Stable Plaque Paradigm –
By H.A. Nieuwstadt

1. The thinner the fibrous cap becomes, the worse the reliability of an MRI-based peak cap stress computation gets. (this thesis)

2. A reliable identification of thick-cap, stable plaques will reduce the number of carotid endarterectomies. (this thesis)

3. Combining noninvasive imaging and inverse finite element analysis is a feasible methodology to noninvasively estimate carotid plaque elasticity. (this thesis)

4. Simulations provide answers which measurements cannot. (this thesis)

5. "Walking into a double" increases your chances of winning a darts game. (this thesis)

6. Conceptualization is mankind's ultimate double-edged sword.

7. To improve our education system, emphasis should be put on rewarding the effort instead of the result.

8. What scientific reports and news reports have in common is that they both appear objective at first glance.

9. If you are like most people, then like most people, you don't know you're like most people. {1}

10. In the end, all you had in life was a bunch of time. {2}

11. An MRI scanner is cheaper than the machine that goes 'ping'. {3}

{1} from D. Gilbert
{2} from H. Jekkers
{3} inspired by Monty Python