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## **Advances in quantitative coronary and vascular angiography**

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## Propositions

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1. The choice of the bifurcation model depends strongly on the chosen intervention procedure. (*this thesis*)
2. In contour detection algorithms, there is always a trade-off between speed and accuracy. (*this thesis*)
3. To achieve correct arterial and reference diameter measurements, the directions of arterial diameter measurements must be independent of the reference diameters. (*this thesis*)
4. A proper analysis-SOP (Standard Operating Procedure) is essential for a good quantitative study. (*this thesis*)
5. Bifurcation measurements in 2D angiograms rely heavily on a proper viewing angle.
6. Despite all other coronary imaging techniques that are available today, QCA is still the leading method for assessing coronary artery disease.
7. In the future, the fusion of X-ray with different imaging techniques will become more and more important for clinical practice.
8. Important in developing software is to make it as generic as possible to ensure its reusability in other projects.
9. The development of demo versions is a good way to stay closely connected to the possible clinical usage of the software and provides essential information for the requirements.
10. A pure golden standard is not useful. It should be an alloy, since pure gold is too flexible. (*G. Koning*)
11. In research as well as in volleyball, good cooperation and team spirit is just as important as individual skills.
12. Having children is the best way to learn how to prioritize.
13. Een degradatie staat een promotie niet in de weg.