

Propositions accompanying the thesis:

# Personalized Management of Complex Anatomy Variations in Cervical Cancer IMRT

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1. Personalized motion management by individualized margins and online-adaptation of the treatment plan prevents needless irradiation of healthy tissues of cervical cancer patients (Chapter 4 and 5).
2. In external beam radiotherapy of cervical cancer organ motion management is an issue for 3-dimensional conformal radiotherapy, but a real challenge for intensity-modulated radiotherapy.
3. Assuming that patients will have a reproducibly full bladder at every treatment session by drinking 500 ml of water 1 hour before the session is an oversimplification of the urinary system (Chapter 2).
4. Sophisticated online-adaptive strategies to manage complex non-rigid organ motion should not ignore basic issues as an accurate patient setup verification and correction protocol (Chapter 3).
5. Automated treatment planning is one of the keys to widespread implementation of adaptive radiotherapy using plan libraries.
6. Completing a PhD is like running a long-distance race. As Fred Lebow said, 'it doesn't matter whether you come in first, in the middle of the pack, or last. You can say "I have finished"'.  
7. We need to know what we know, so that it will guide us to come to know what we do not know. And this is research.
8. Writing a scientific paper is as hard as delivering a baby or maybe even harder. I know what I talk about, since I became a mom before my first paper was submitted.
9. The happiness inside your children's eyes is pure and enduring.
10. The excitement of seasonal changes between The Netherlands and a tropical country is comparable. In the Netherlands, I looked forward to the spring season with all its flowers and colors. In Malaysia, we look forward to the fruit season with all its sweet smells and tastes.
11. If Allah can take away something you never imagined losing, then He can replace it with something you never imagined owning (Anonymous).