

Stellingen behorend bij het proefschrift:

“Development of Raman spectroscopy tools for surgery guidance in head and neck oncology”

1. To prepare the future generation of clinicians for the vast diagnostic potential of Raman spectroscopy, this technology must be incorporated in the medical curriculum.
2. Raman spectroscopy is uniquely capable of intra-operative assessment of complete bone resection surfaces.
3. The water concentration in tissue by itself is not a tumor biomarker, but its distribution is.
4. Optimal use of Raman spectroscopy during mandibulectomy requires flexible reconstruction procedures.
5. The use of Raman spectroscopy for intra-operative assessment of oral cavity squamous cell carcinoma resection margins will increase the chances of the treatment being first-time-right.
6. An improvement of the surgical success rate from 20 to 60% is for many patients an improvement of 100%.
7. The results of this thesis will be applicable for squamous cell carcinoma of other sites of the human body.
8. The future of medical diagnosis relies on the replacement of centralized and complex diagnostic devices by mobile tools, which are used anywhere and which give instant results.
9. Raman spectroscopy brings people together: surgeons, pathologists, engineers and patients.
10. “You must be shapeless, formless, like water. When you pour water in a cup, it becomes the cup. When you pour water in a bottle, it becomes the bottle. When you pour water in a teapot, it becomes the teapot. Water can drip and it can crash. Become like water my friend.” - Bruce Lee
I want to add to this quote: “Let the water guide you.”
11. Dutch is not hard to learn, if only the Dutch and Portuguese would give you the chance to speak it.

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