Image guided surgery: clinical validation of lesion identification technologies and exploration of nerve sparing approaches

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Stellingen behorende bij het proefschrift

"IMAGE GUIDED SURGERY: CLINICAL VALIDATION OF LESION IDENTIFICATION TECHNOLOGIES AND EXPLORATION OF NERVE SPARING APPROACHES"

1. Improvements in fluorescence-based SN detection, using hybrid tracers, may make intraoperative use of a gamma probe redundant. Still, preoperative imaging of the tracer distribution provides the road-map for fluorescence-based localization. This thesis

2. The ability to provide (real-time) intraoperative fluorescence guidance is dependent on the amount and concentration of the fluorescent dye accumulated in the lesion(s) of interest. This thesis

3. With the availability of the hybrid SN tracer and the optimized intraoperative imaging modalities, it seems that further refinement of the oncological outcome requires a critical look at the patient inclusion, tracer deposition, and means of pathological evaluation. This thesis

4. Fascia (nerve) preservation during prostatectomy at older age still results in a relative improvement of outcome, similar to that for younger men. This thesis

5. Blue dye can be safely omitted in most sentinel node procedures for melanoma. Van der Ploeg et al. Melanoma Res. 2016 Oct;26(5):464-8.

6. Optical imaging is a relatively inexpensive, fast, and sensitive addition to a surgeon's arsenal for the noninvasive detection of malignant dissemination. Patel and Hemal. Curr Urol Rep (2016) 17: 74

7. Achieving clear oncologic margins remains a critical element of any surgical approach since residual disease is associated with poor survival and the need for adjuvant chemotherapy, radiation therapy or both. Stephenson et al. Eur Urol. 2014;65:675–680.

8. Sentinel node biopsy in prostate cancer patients may have a therapeutic effect via removal of more metastatic lymph nodes. Wit et al. Eur. Urol. 2017 (71); 596-605

9. De wetenschap is een prachtig iets zolang je er je brood niet mee hoeft te verdienen. Albert Einstein (1879-1955)

10. De ervaring doet onze wijsheid toenemen maar niet onze dwaasheden afnemen. Josh Billings (1818-1885)

11. Er wordt meer tijd verknoeid met werken dan met niets doen. Cees Buddingh (1918-1985)

12. Veel wijsheid ligt in korte woorden besloten. Sophocles (496 v.C. - 406 v.C.)