Errata for Doctoral Thesis

A Tactile resonance Sensor System for Detection of Prostate Cancer *ex vivo* – Design and Evaluation on Tissue Models and Human Prostate

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Corrections are given in bold and underlined typesetting

Page v

The title for paper III is incorrect. It should be: **Contact angle and indentation velocity dependency for a resonance sensor – evaluation on soft tissue silicone models.**

Paper IV has been published in *Journal of Biomedical Science and Engineering, 2014, 7, 181-193*. DOI: [10.4236/jbise.2014.74022](http://dx.doi.org/10.4236/jbise.2014.74022)

Page 1

The first line in the first paragraph: ….methods for detecting PCa are digital.........

Page 6

In the last paragraph: …. and $k_s$, for **this** case, of....

Page 7

The beginning of the third paragraph: Eq 7 gives that the surface...

Page 9

References under section 4.5: [42, 53, 54, I]

Page 14

References under section 5.4: [38, 43, 54, 62, III]
In the middle of the first paragraph of section 5.7.1: The angle of the sensor movement, \( \alpha \), was adjusted with the rotational stage.

Fourth line from the bottom of the page: …. one MP aimed over the nodule with another two to….

In the second to last sentence under chapter 6: … In the flat models, the nodules were supported from…..

in the first sentence under section 6.2: …. and two different indentation depths were….

In the first sentence: … with a relative deviation due….

Figure 11, in the caption: … with two different hardness for different…

The first sentence should begin with: Nine with embedded

In the last sentence of the first paragraph: …. due to the short access time…

In the end of the last paragraph above figure 15: …. and was found to be significantly different \((p < 0.05)\) to the rest of the measurements on the dorsal side of the prostate [V].

In the middle of the second paragraph: ….did not significantly affect the measurement parameters.

In the middle of the last paragraph under Paper I: …. penetration depth used in the standard was found……

In the middle of the paragraph under Paper IV: The same types of hemispheres were used for measurements….. And at bottom of the page: …. objects and at an indentation….

In the last sentence of the first paragraph under Paper V: .. before the last phase of the study…..

Figure 11. The first sentence in the caption should begin: Measurements on soft and stiff flat silicone discs……