Corrigendum

Corrigendum to “Micromechanical systems for the mechanical characterization of muscle tissue”

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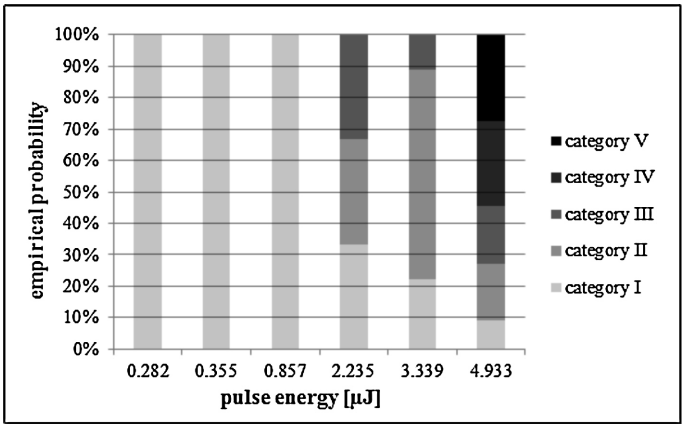
The authors regret to have introduced transcription errors in the published article.

Lines 20–27 of section 2 should read:

“The samples processed with different parameter combinations were classified according to the above defined categories. Fig. 1 (a) shows the chosen laser pulse energies [µJ] and relates them to the degree of tissue deterioration caused by the respective process. For the pulse energies of 0.282 µJ, 0.355 µJ and 0.857 µJ, the samples showed no signs of deterioration and were classified in category I. For the pulse energy of 2.235 µJ, categories I – III were observed at equal shares. 3.339 µJ produced more samples in category I and II than category III, which might be an artifact. For 4.933 µJ the samples showed severe damage and were classed in category V.

To quantify the ablation, a three-dimensional topographical picture was taken of the samples. Fig. 1 (b) shows an example for a sample processed with a pulse energy of 3.339 µJ and mark speed of 1500 mm/s.”

Fig. 1a should be replaced by:



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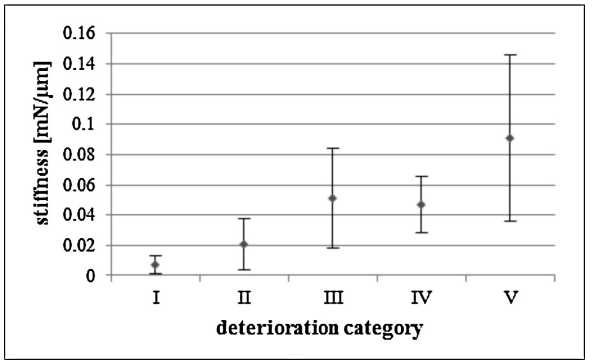
Lines 18 and 19 of section 3 should read:

"The stiffness is 0.0029 mN/μm for the category-I-sample and 0.0933 mN/μm for the category-V-sample."

Fig. 3b should be replaced by:



Lines 3-5 of the summary and outlook should read:

"Since for the current application tissue characteristics as described in category I are aimed at, the pulse energy for laser ablation should be inferior to 1 μJ. The material stiffness determined for category I is 0.0069 mN/μm and has the smallest standard deviation of all categories.

The authors would like to apologise for any inconvenience caused.

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