

Erratum: "A Modified Micropipette Aspiration Technique and Its Application to Tether Formation from Human Neutrophils" [ASME J. Biomech. Eng., 124, No. 4, pp. 388–396]

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In the section of "Tether Formation from Neutrophils Treated with Cytochalasin D," the conclusions drawn from comparing cytochalasin-treated neutrophils with passive ones are partly incorrect due to an error in statistical analysis. The correct conclusions should be: for neutrophils treated with 1 μ M cytochalasin D, the threshold force is not statistically different from the value for passive neutrophils (p > 0.2), but the effective viscosity is (p < 0.005); for neutrophils treated with 100 μ M cytochalasin D, both the threshold force and effective viscosity are statistically different from the values for passive neutrophils (p < 0.001 in both cases). Other conclusions in this section remain the same. Consequently, in the Discussion section, the fourth paragraph should read "Cytochalasin D decreased the effective viscosity to the same level as IL-8 and PMA did. It also decreased the threshold force significantly.... The nonzero threshold force suggests that the neutrophil membrane itself does have a significant contribution to the cortical tension, which is about 24–35 pN/ μ m for passive neutrophils [11,14]." We regret any inconvenience this may have caused.