

ERRATUM

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Erratum to: Comparison of hemostatic dressings for superficial wounds using a new spectrophotometric coagulation assay

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After publication of our work [1] it was brought to our attention that the cited mechanism of action for the kaolin-impregnated gauze dressing QuikClot[®] needs to be extended. The statement regarding the products mechanism of action was based on the most recent publication regarding QuikClot[®] (Reference #20 in the article, Li et al. 2013), yet this article investigated an outdated formulation of the product based on zeolite instead of kaolin. The kaolin-impregnated gauze activates factor XII, initiating the intrinsic coagulation pathway [2]. Therefore, the following corrections are made:

1. In “Table 1 – Investigated dressings” the mechanism of action reading: “Unknown; presumably concentration of procoagulant factors due to water absorption and Ca²⁺ release [20]” for QuikClot[®] needs to be replaced with: “Activation of coagulation factor XII [20]”, whereby the reference Lamb et al. 2012 (here [2]) replaces #20 (Li et al. 2013) as reference for the mechanism of action.
2. In the discussion section page 7 of 10, line 15 the statement “... that advances coagulation by rapidly absorbing fluid.” needs to be extended by: “... and activates factor XII of the coagulation cascade.”

Corrections and extension of the above statements regarding the mechanism of action of QuikClot[®] does not alter the findings or conclusions of the original article.

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