

## Appendix 2 - Details of Haemostatic Formulations

### **Celox (Cx)**

The majority of studies testing Celox used the original formulation of the product, but an information request to the manufacturers confirmed that Celox Rapid is very similar in formulation, thus it has been included in the Celox grouping. Celox Rapid includes a slightly greater proportion of a bulking agent, which aids initial haemostasis, but the same amount of the active ingredient Chitosan.

### **QuikClot Combat Gauze (QCG)**

QuikClot Combat Gauze is the latest iteration of a number of products and uses the QuikClot formulation of Kaolin-based haemostatic. Only the latest versions of the product incorporating kaolin were included; previous products using zeolite were not included. This is the product used by the majority of the US military for the last 10 years and, as such, has undergone thorough trial by use.

### **HemCon (HCG)**

Previous iterations of HemCon gauzes were sufficiently similar to the current product to be included in the study and combined with the Chitogauze results, as they use the same active ingredient (chitosan) in a similar composition and method of application. These were included in the results for HemCon Chitogauze, as the current incarnation of the HemCon haemostatic series. HemCon has been used by the US military and several civilian organisations in pre-hospital settings for several years under the names HemCon, HemCon Chitoflex and HemCon RTS.