CLAIMS:

1. The method for treating a bleeding disorder in a subject in need thereof, comprising administering to the subject an effective amount of a polypeptide factor Xa (fXa) derivative (a) that comprises a fXa heavy chain that comprises a modification at an active site and (b) that does not include a light chain or comprises a Gla-deficient or des-Gla fXa light chain, wherein the derivative is conjugated with a moiety capable of extending the circulating half-life of the derivative.