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(54) **Title**: FACTOR VIII POLYMER CONJUGATES

(57) **Abstract**: The invention is a proteinaceous construct comprising a Factor VIII molecule which is conjugated to a water-soluble polymer via carbohydrate moieties of Factor VIII, and methods of preparing same. In one embodiment of the invention, the water-soluble polymer is selected from the group consisting of polyethylene glycol (PEG), polysialic acid (PSA) or dextran.