

Factor VIII Products Comparison Chart

	<u>Xyntha®</u> (Third generation)	<u>Advate®</u> (Third generation)	<u>Helixate®FS</u> (Second generation)	<u>Kogenate®FS</u> (Second generation)	<u>Recombinate®</u> (First generation)
Distributor	Pfizer	Baxter Bioscience	CSL Behring	Bayer Corporation	Baxter Bioscience
Efficacy	*92.5% excellent/good response rate (100% in surgeries)	*93% good/excellent response rate (100% in surgeries)	*80-90% excellent/good response rate (100% for surgeries)	*80-90% excellent/good response rate (100% for surgeries)	*92-95% excellent/good response rate
Studies	*PTP	*PTP	*PUP and PTP	*PUP and PTP	*PUP and PTP
Half-life	11.2+/-5.0 hours	11.98 +/- 4.28 hours	13 hours	13 hours	11.24 +/- 2.53 hours
Inhibitors	PUP studies ongoing	PUP studies ongoing	15% in MTP** studies	15% in MTP** studies	32% in PUP studies
Safety	Solvent detergent, Ligand purification, nanofiltration	MAIC** and solvent detergent	MAIC*** and solvent detergent	MAIC*** and solvent detergent	MAIC**
Exposure to human albumin	None	None; uses a sugar (trehalose) as stabilizer	Uses albumin in fermentation; no albumin in final form; sugar (sucrose) as stabilizer	Uses albumin in fermentation; no albumin in final form; sugar (sucrose) as stabilizer	Uses human albumin and bovine protein as stabilizers
Vial Ranges	250, 500, 1000, 2000, 3000 IU	250, 500, 1000, 1500, 2000, 3000 IU	250, 500, 1000, 2000, 3000 IU	250, 500, 1000, 2000, 3000 IU	250, 500, 1000 IU
Reconstituted Volume	4 ml	5 ml	2.5 ml/ 5 ml	2.5 ml/ 5 ml	5 ml
Storage	Refrigeration or room temp for 3 months	Refrigeration or room temp for 6 months	Refrigeration or room temp for 3 months	Refrigeration or room temp for 3 months	Refrigeration or room temp
Other Features	Peel off label R2 transfer device/ Prefilled dual chamber syringe (3000iu) Color coded packaging Butterfly needle and syringe included in box	Peel off label Baxject II transfer device Letter coded packaging No butterfly needle or syringe in box	Peel off label Mix 2 transfer device Color coded packaging Butterfly needle and syringe included in box	Peel off label Bioset transfer device Color coded Packaging Butterfly needle and syringe included in box	Peel off label Baxject II transfer device available Color coded packaging No butterfly needle or syringe in box



* PUP- Previously Untreated Patients; PTP- Previously Treated Patients

MTP- Minimally Treated Patients; * MAIC- Monoclonal antibody immunoaffinity chromatography

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