

Clinical Policy: Factor VIII (Human, Recombinant)

Reference Number: CP.PHAR.215 Effective Date: 06.01.16 Last Review Date: 05.20 Line of Business: Commercial, HIM, Medicaid

Coding Implications Revision Log

See <u>Important Reminder</u> at the end of this policy for important regulatory and legal information.

Description

The following are factor VIII products requiring prior authorization: human – Hemofil M[®], Koate-DVI[®]; recombinant – Advate[®], Adynovate[®], Afstyla[®], Eloctate[®], Esperoct[®], Helixate FS[®], Jivi[®], Kogenate FS[®], Kogenate FS with Vial Adapter[®], Kogenate FS with Bio-Set[®], Kovaltry[®], NovoEight[®], Nuwiq[®], Obizur[®], Recombinate[®], ReFacto[®], Xyntha[®], and Xyntha[®] SolofuseTM.

FDA Approved Indication(s)

Factor VIII products are indicated for patients with hemophilia A for the following uses:

- Control and prevention of bleeding episodes:
 - Children and adults: Advate, Adynovate, Afstyla, Eloctate, Esperoct, Helixate FS, Hemofil M, Jivi (in previously treated patients ≥ 12 years of age only), Koate-DVI, Kogenate FS, Kovaltry, Novoeight, Nuwiq, Recombinate, ReFacto, Xyntha
- Perioperative management:
 - Children and adults: Advate, Adynovate, Afstyla, Eloctate, Esperoct, Helixate FS, Hemofil M, Jivi (in previously treated patients ≥ 12 years of age only), Koate-DVI, Kogenate FS, Kovaltry, Novoeight, Nuwiq, Recombinate, ReFacto, Xyntha
- Routine prophylaxis to prevent or reduce the frequency of bleeding episodes:
 - Children and adults: Advate, Adynovate, Afstyla, Eloctate, Esperoct, Helixate FS, Jivi (in previously treated patients ≥ 12 years of age only), Kogenate FS, Kovaltry, Novoeight, Nuwiq, ReFacto (short-term)
- Routine prophylaxis to prevent or reduce the frequency of bleeding episodes and to reduce the risk of joint damage in children without pre-existing joint damage:
 - Children: Helixate FS, Kogenate FS
- Treatment of acquired hemophilia A:
 - o Adults: Obizur

Limitation(s) of use:

- Factor VIII products are not indicated for treatment of von Willebrand disease.
- Obizur is not indicated for the treatment of congenital hemophilia A.
- Safety and efficacy of Obizur have not been established in patients with a baseline anti-porcine factor VIII inhibitor titer of > 20 Bethesda units (BU).
- Jivi is not indicated for use in children < 12 years of age due to a greater risk for hypersensitivity reactions.
- Jivi is not indicated for use in previously untreated patients.



Policy/Criteria

Provider must submit documentation (such as office chart notes, lab results or other clinical information) supporting that member has met all approval criteria.

It is the policy of health plans affiliated with Centene Corporation[®] that factor VIII products are **medically necessary** when the following criteria are met:

I. Initial Approval Criteria

- A. Hemophilia A (must meet all):
 - 1. Diagnosis of one of the following (a or b):
 - a. Congenital hemophilia A (factor VIII deficiency) (all products except Obizur);
 - b. Acquired hemophilia A (Obizur only);
 - 2. Prescribed by or in consultation with a hematologist;
 - 3. Request is for one of the following uses (a, b, or c):
 - a. Control and prevention of bleeding episodes;
 - b. Perioperative management (all products except Obizur);
 - c. Routine prophylaxis to prevent or reduce the frequency of bleeding episodes, and:
 - i. Request is for Advate, Adynovate, Eloctate, Esperoct, Helixate FS, Jivi, Kogenate FS, Kovaltry, Novoeight, Nuwiq, or ReFacto;
 - 4. For all products except Obizur: If factor VIII coagulant activity levels are > 5%, failure of desmopressin acetate, unless contraindicated, clinically significant adverse effects are experienced, or an appropriate formulation of desmopressin acetate is unavailable;
 - 5. For Jivi: Member meets both of the following (a and b):
 - a. Age \geq 12 years;
 - b. Has previously been treated for hemophilia A;
 - 6. Member meets one of the following (a or b):
 - a. Member has not received treatment with valoctocogene roxaparvovec;
 - b. Request is for prophylaxis post-valoctocogene roxaparvovec gene therapy administration;
 - 7. Dose does not exceed the FDA-approved maximum recommended dose for the relevant indication.

Approval duration: 3 months (surgical/acute bleeding) or 6 months (prophylaxis) or 1 month (if immediately following valoctocogene roxaparvovec gene therapy administration)

B. Other diagnoses/indications

 Refer to the off-label use policy for the relevant line of business if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized): CP.CPA.09 for commercial, HIM.PHAR.21 for health insurance marketplace, and CP.PMN.53 for Medicaid.

II. Continued Therapy

- A. Hemophilia A (must meet all):
 - 1. Currently receiving medication via Centene benefit or member has previously met initial approval criteria;
 - 2. Member meets one of the following (a or b):
 - a. Member is responding positively to therapy and has not received treatment with valoctocogene roxaparvovec;



- b. Member is responding positively to therapy and request is for prophylaxis post-valoctocogene roxaparvovec gene therapy administration;
- 3. If request is for a dose increase, new dose does not exceed the FDA-approved maximum recommended dose for the relevant indication.

Approval duration: 3 months (surgical/acute bleeding) or 6 months (prophylaxis) or 1 month (if immediately following valoctocogene roxaparvovec gene therapy administration)

- **B.** Other diagnoses/indications (must meet 1 or 2):
 - 1. Currently receiving medication via Centene benefit and documentation supports positive response to therapy.
 - Approval duration: Duration of request or 6 months (whichever is less); or
 - Refer to the off-label use policy for the relevant line of business if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized): CP.CPA.09 for commercial, HIM.PHAR.21 for health insurance marketplace, and CP.PMN.53 for Medicaid.

III. Diagnoses/Indications for which coverage is NOT authorized:

- A. Non-FDA approved indications, which are not addressed in this policy, unless there is sufficient documentation of efficacy and safety according to the off label use policy – CP.CPA.09 for commercial, HIM.PHAR.21 for health insurance marketplace, and CP.PMN.53 for Medicaid, or evidence of coverage documents;
- **B.** Von Willebrand disease.

IV. Appendices/General Information

Appendix A: Abbreviation/Acronym Key BU: Bethesda units FDA: Food and Drug Administration

Appendix B: Therapeutic Alternatives

This table provides a listing of preferred alternative therapy recommended in the approval criteria. The drugs listed here may not be a formulary agent and may require prior authorization.

Drug Name	Dosing Regimen	Dose Limit/ Maximum Dose
desmopressin acetate (Stimate [®] nasal spray;	When Factor VIII coagulant activity levels are $> 5\%$	Injection: 0.3 mcg/kg IV every 48 hours
generic injection solution)	Injection: 0.3 mcg/kg IV every 48 hours	Nasal spray: 1 spray intranasally in each
	Nasal spray: < 50 kg: 1 spray intranasally in one nostril only; may repeat based on	nostril
	laboratory response and clinical condition ≥ 50 kg: 1 spray intranasally in each	
	nostril; may repeat based on laboratory response and clinical condition	

Therapeutic alternatives are listed as Brand name[®] (generic) when the drug is available by brand name only and generic (Brand name[®]) when the drug is available by both brand and generic.



- Contraindication(s): life-threatening hypersensitivity reactions, including anaphylaxis, to the product and its constituents* **Including bovine, mouse, or hamster protein for Advate, Adynovate, Afstyla, Esperoct, Helixate FS, Hemofil M, Jivi, Kogenate FS, Kovaltry, Novoeight, Obizur, Recombinate, ReFacto, and Xyntha*
- Boxed warning(s): none reported

V. Dosage and Administration

Dosage and Administration		Desing Desimon	Maximum Dose
Drug Name	Indication	Dosing Regimen	
Antihemophilic factor	Control and	Minor episodes: 10-20	50 IU/kg every 6
– recombinant (Advate,	prevention of	IU/kg IV every 12-24	hours until the
Adynovate, Afstyla,	bleeding	hours	bleeding episode is
Kovaltry, Novoeight,	episodes	(Advate: 8-24 hours for	resolved
Nuwiq, Recombinate,		age < 6 years)	
ReFacto, Xyntha)			
		Moderate episodes: 15-	
		30 IU/kg IV	
		every 12-24 hours	
		(Advate: 8-24 hours for	
		age < 6 years)	
		Major opicodos: 20	
		Major episodes: 30-	
		50 IU/kg IV every 8-	
		24 hours (Advate: 6-	
Antihamanhilia faatan	Control and	12 hours for age < 6 years) Minor and moderate	50 III///ra arrawr 9
Antihemophilic factor – recombinant			50 IU/kg every 8 hours until the
	prevention of	episodes: 20-30	
(Eloctate)	bleeding	IU/kg every 24-48	bleeding episode is
	episodes	hours (12-24 hours for	resolved
		age < 6 years)	
		Major episodes: 40-	
		50 IU/kg every 12-	
		24 hours (8 to 24 hours for	
		age < 6 years)	
Antihemophilic factor	Control and	Minor episodes: 10- 20	50 IU/kg single
- recombinant	prevention of	IU/kg IV; repeat dose if	dose or 30
(Helixate FS, Kogenate	bleeding	there is evidence of	IU/kg/repeated
(Inclusion 1.5, Hogenate FS)	episodes	further bleeding	dose
1.5)	opisouos		u050
		Moderate episodes: 15-	
		30 IU/kg IV every 12-	
		24 hours	
Antihemophilic factor	Control and	Minor to moderate	At least 12 years
– recombinant,	prevention of	episodes: 40-65 IU/kg	old: 40 IU/kg
glycopegylated	bleeding	IV; one dose should be	-
(Esperoct)	episodes	sufficient for minor	< 12 years old: 65
	_	episodes; additional dose	IU/kg
		may be administered	
		after 24 hours for	
	l		



Drug Name	Indication	Dosing Regimen	Maximum Dose
		moderate episodes. Major episodes: 50-65 IU/kg IV; additional doses may b eadministered	
Antihemophilic factor – recombinant (Advate, Adynovate)	Perioperative management	approximately every 24 hours. Minor surgery: 30- 50 IU/kg IV as a single dose within 1 hour of the operation and every 12- 24 hours (Adynovate: 24 hours) thereafter as needed to control bleeding	Minor surgery: 50 IU/kg/dose Major surgery: 60 IU/kg/dose
		Major surgery: 40- 60 IU/kg IV as a single dose preoperatively to achieve 100% activity and every 8- 24 hours thereafter to keep factor VIII activity in desired range (Advate: every 6- 24 hours for age < 6 years; Adynovate: every 6-24 hours if age < 12 years)	
Antihemophilic factor – recombinant (Eloctate)	Perioperative management	Minor surgery: 25- 40 IU/kg every 24 hours (12-24 hours age < 6 years) Major surgery: pre- operative dose of 40-60 IU/kg followed by a repeat dose of 40-50 IU/kg after 8-24 hours (6- 24 hours for age < 6 years) and then every 24 hours to maintain Factor VIII activity within the target range	Minor surgery: 40 IU/kg/dose Major surgery: 60 IU/kg/dose
Antihemophilic factor – recombinant, glycopegylated	Perioperative management	Minor and major surgery: 50-65 IU/kg IV; additional doses can be administered	At least 12 years old: 50 IU/kg



Drug Name	Indication	Dosing Regimen	Maximum Dose
(Esperoct)		after 24 hours if necessary	
		for minor surgeries;	< 12 years old:
		additional doses can be	65 IU/kg
		administered	00 10/16
		approximately every 24	
		hours for the first week	
		and then approximately	
		every 48 hours until	
		wound healing has	
		occurred for major	
		surgeries	
Antihemophilic factor	Perioperative	Minor surgery: 15- 30	Minor surgery:
– recombinant	management	IU/kg IV every 12-24	30 IU/kg/dose
(Helixate FS, Kogenate	management	hours	50 10/kg/005C
		nours	Maion margaret 50
FS)		Maion aungener and	Major surgery: 50
		Major surgery: pre-	IU/kg/dose
		operative dose of 50	
		IU/kg followed by a	
		repeat dose every 6-12	
		hours to maintain Factor	
		VIII activity within the	
		target range	2.51
Antihemophilic factor	Perioperative	Minor surgery: 15- 30	Minor surgery:
– recombinant (Afstyla,	management	IU/kg IV every 24 hours	30 IU/kg/dose
Kovaltry, Novoeight,		(Xyntha: every 12-	(Recombinate:
Nuwiq, Recombinate,		24 hours)	40 IU/kg/dose)
Xyntha)		(Recombinate: 30- 40	
		IU/kg as a single	Major surgery: 50
		infusion)	IU/kg every 8
			hours
		Major surgery: 40-	
		50 IU/kg every 8-24 hours	
		(Xyntha: 30-50 IU/kg)	
Antihemophilic factor	Routine	20-40 IU/kg IV	40 IU/kg every
– recombinant	prophylaxis	every other day (3 to 4	other day
(Advate)		times weekly)	
		OR	
		Use every third day	
		dosing regimen targeted	
		to maintain Factor VIII	
		trough levels $\geq 1\%$	
Antihemophilic factor	Routine	\geq 12 years of age:	70 IU/kg/dose
– recombinant	prophylaxis	40-50 IU/kg IV 2	
(Adynovate)		times per week	
		. 10 0	
		< 12 years of age: 55	



Drug Name	Indication	Dosing Regimen	Maximum Dose
		IU/kg IV 2 times per	
		week	
Antihemophilic factor	Routine	\geq 12 years of age:	50 IU/kg/dose
- recombinant	prophylaxis	20-50 IU/kg IV 2-3	
(Afstyla)		times per week	
		< 12 years of age: 30-50	
		IU/kg IV 2-3	
Antihemophilic factor	Routine	times per week 50 IU/kg IV every 4	65 IU/kg/dose
– recombinant	prophylaxis	days	05 TU/kg/dose
(Eloctate)	рюрнуваліз	uays	
(Lioeute)		For children < 6 years of	
		age: 50 IU/kg IV twice	
		weekly	
Antihemophilic factor	Routine	At least 12 years old: 50	At least 12
– recombinant,	prophylaxis	IU/kg IV every 4 days	years old: 50
glycopegylated			IU/kg
(Esperoct)		< 12 years old: 65 IU/kg	
		IV twice weekly	< 12 years old: 65
			IU/kg
Antihemophilic factor	Routine	Adults: 25 IU/kg IV three	25 IU/kg/dose
- recombinant	prophylaxis	times per week	
(Helixate FS, Kogenate		Children, 25 III/kg avery	
FS)		Children: 25 IU/kg every other day	
Antihemophilic factor	Routine	\geq 12 years of age:	60 IU/kg/dose
- recombinant	prophylaxis	20-50 IU/kg IV 3	0010/kg/d030
(Novoeight)	proprijumi	times per week OR 20-	
		40 IU/kg IV	
		every other day	
		< 12 years of age: 25-	
		60 IU/kg IV 3	
		times per week OR 25-	
A (1 1 1 C)		50 IU every other day	50 H 1/1 / 1
Antihemophilic factor	Routine	\geq 12 years of age:	50 IU/kg/dose
– recombinant (Nuwiq)	prophylaxis	30-40 IU/kg IV every other day	
		< 12 years of age: 30-	
		50 IU/kg IV	
		every other day or 3	
		times/week	
Antihemophilic factor	Routine	> 12 years of age: 20-40	50 IU/kg every
- recombinant	prophylaxis	IU/kg IV 2-3	other day
(Kovaltry)		times per week	
		. 10	
		≤ 12 years of age:	



Drug Name	Indication	Dosing Regimen	Maximum Dose
		25-50 IU/kg twice or three times weekly or every other day according to individual requirements	
Antihemophilic factor – recombinant, porcine sequence (Obizur)	Treatment of bleeding episodes in acquired hemophilia A	200 IU/kg every 4- 12 hours	200 IU every 4 hours
Antihemophilic factor – human (Hemofil M)	Control and prevention of bleeding episodes	Minor episodes: 20- 40 IU/kg IV every 12-24 hours Moderate episodes: 30-	100 IU/kg every 8 hours
		60 IU/kg IV every 12-24 hours Major episodes: 60- 100 IU/kg IV every 8-24	
		hours	
Antihemophilic factor – human (Koate-DVI)	Control and prevention of bleeding episodes	Minor episodes: 10 IU/kg IV as a single dose; repeat only if there is evidence of further bleeding	25 IU/kg every 8 hours until the bleeding episode is resolved
		Moderate episodes: 15- 25 IU/kg IV as a single dose followed by 10-15 IU/kg every 8-12 hours if needed	
		Major episodes: 40- 50 IU/kg IV as a single dose followed by 20-25 IU/kg IV every 8-12 hours	
Antihemophilic factor – human (Hemofil M)	Perioperative management	Minor surgery: 60- 80 IU/kg as a single infusion	Minor surgery: 80 IU/kg/dose
		Major surgery: 80- 100 IU/kg every 8- 24 hours	Major surgery: 100 IU/kg every 8 hours
Antihemophilic factor – human (Koate-DVI)	Perioperative management	Major surgery: 50 IU/kg pre-operative dose followed by 50 IU/kg	Major surgery: 50 IU/kg every 6 hours



	every 6-12 hours as	
	needed	
	Minor surgery: less intensive schedules may be adequate	
prevention of bleeding	Minor episodes: 10- 20 IU/kg every 24- 48 hours	50 IU/kg every 8 hours
	Moderate episodes: 15- 30 IU/kg every 24-48 hours	
	Major episodes: 30- 50 IU/kg every 8-24 hours	
Perioperative management	Minor surgery: 15- 30 IU/kg every 24 hours	Minor surgery: 30 IU/kg/dose
	Major surgery: 40- 50 IU/kg every 12- 24 hours	Major surgery: 50 IU/kg/dose
Routine prophylaxis	30-40 IU/kg twice weekly; may be adjusted to 45-60 IU/kg every 5 days with further individual adjustment to less or more frequent	60 IU/kg/dose; frequency varies based on bleeding episodes
	bleeding episodes Perioperative management Routine	intensive schedules may be adequateControl and prevention of bleeding episodesMinor episodes: 10- 20 IU/kg every 24- 48 hoursModerate episodes:Moderate episodes: 15- 30 IU/kg every 24-48 hoursMajor episodes:30- 50 IU/kg every 8-24 hoursPerioperative managementMinor surgery: 15- 30 IU/kg every 24 hoursPerioperative managementMajor surgery: 40- 50 IU/kg every 12- 24 hoursRoutine prophylaxis30-40 IU/kg twice weekly; may be adjusted to 45-60 IU/kg every 5 days with further individual adjustment to

VI. Product Availability

Drug Name	Availability
Antihemophilic factor –	Vial: 250, 500, 1,000, 1,500, 2,000, 3,000, 4,000 IU
recombinant (Advate)	
Antihemophilic factor –	Vial: 250, 500, 750, 1,000, 1,500, 2,000, 3,000 IU
recombinant (Adynovate)	
Antihemophilic factor –	Vial: 250, 500, 1,000, 1,500, 2,000, 2,500, 3,000 IU
recombinant (Afstyla)	
Antihemophilic factor –	Vial: 250, 500, 750, 1,000, 1,500, 2,000, 3,000 4,000,
recombinant (Eloctate)	5,000, 6,000 IU
Antihemophilic factor –	Vial: 500, 1,000, 1,500, 2,000, 3,000 IU
recombinant, glycopegylated-	
exei (Esperoct)	
Antihemophilic factor –	Vial: 250, 500, 1,000, 2,000, 3,000 IU
recombinant (Helixate FS,	
Kogenate FS, Kovaltry)	



Drug Name	Availability
Antihemophilic factor –	Vial: 250, 500, 1,000, 1,500, 2,000, 3,000 IU
recombinant (Novoeight)	
Antihemophilic factor –	Vial: 250, 500, 1,000, 2,000, 2,500, 3,000, 4,000 IU
recombinant (Nuwiq)	
Antihemophilic factor –	Vial: 220-400, 401-800, 801-1240, 1241-1800, 1801-2400
recombinant	IU
(Recombinate)	
Antihemophilic factor –	Vial: 250, 500, 1,000, 2,000 IU
recombinant (ReFacto,	
Xyntha)	
Antihemophilic factor –	Prefilled syringe: 250, 500, 1,000, 2,000, 3,000 IU
recombinant (Xyntha	
Solofuse)	
Antihemophilic factor –	Vial: 500 IU
recombinant (Obizur)	
Antihemophilic factor –	Vial: 250, 500, 1,000, 1,700 IU
human (Hemofil M)	
Antihemophilic factor –	Vial: 250, 500, 1,000 IU
human (Koate-DVI)	
Antihemophilic factor –	Vial: 500, 1,000, 2,000, 3,000 IU
recombinant, PEGylated-	
aucl (Jivi)	

VII. References

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Coding Implications

Codes referenced in this clinical policy are for informational purposes only. Inclusion or exclusion of any codes does not guarantee coverage. Providers should reference the most up-todate sources of professional coding guidance prior to the submission of claims for reimbursement of covered services.

HCPCS	Description
Codes	
J7207	Injection, factor VIII (antihemophilic factor, recombinant) PEGylated, 1 IU
J7209	Injection, factor VIII (antihemophilic factor, recombinant) (Nuwiq), 1 IU
J7182	Injection, factor VIII, (antihemophilic factor, recombinant), (NovoEight), per IU
J7185	Injection, factor VIII (antihemophilic factor, recombinant) (Xyntha), per IU
J7188	Injection, factor VIII (antihemophilic factor, recombinant) (Obizur), per IU
J7190	Factor VIII (antihemophilic factor, human) per IU
J7191	Factor VIII (antihemophilic factor, porcine) per IU
J7192	Factor VIII (antihemophilic factor, recombinant) per IU, not otherwise specified

Reviews, Revisions, and Approvals	Date	P&T Approval Date
Policy split from CP.PHAR.12.Blood Factors and converted to new	04.01.16	05.16
template.		
Added Kovaltry; removed requests for documentation; added 12 and		
older per PI indications if Adynovate. Removed preferencing for		
Helixate before Kogenate and Refacto. Under initial criteria, removed		
requirement for "severe hemophilia" and "history of 2 or more joint		



Reviews, Revisions, and Approvals	Date	P&T Approval Date
bleeds for prophylaxis indication." Non-prophylactic approval		Date
duration changed to 3 months initially with one 3-month re- auth.		
Removed denial based on inhibitor titer of \geq 5 BU/mL. Reviewed by		
specialist.		
Product updates: Afstyla added (new drug); Adynovate updated to	04.01.17	05.17
include perioperative management and use in children; Koate added		
- Koate-DVI being phased out; Kogenate is available via three		
different PIs as Kogenate FS, Kogenate FS with Vial Adapter and		
Kogenate FS with Bio-Set; Obizur added (new drug for acquired		
hemophilia); ReFacto – removed "short term" use from criteria;		
Xyntha Solofuse added (same indications as Xyntha).		
Required trial of desmopressin is edited to avoid necessity of testing		
for coagulation factors. Safety information removed.		
Removed age >18 age restriction for Obizur per specialist		
recommendation.		
Wording for uses of all blood factor products made consistent across		
all policies. Per specialist review, for congenital hemophilia A,		
opened indications for routine prophylaxis up to all drugs listed in the		
policy, except Obizur. Approval periods across all blood factor		
policies made consistent.		
Efficacy statement added to renewal criteria. Hemophilias are		
specified as "congenital" versus "acquired" across blood factor policies where indicated.		
Reviewed by specialist- hematologist/internal medicine.		
Changed to new Centene Medicaid template	10.01.17	
1Q18 annual review:	11.27.17	02.18
-No significant changes.	11.2/.1/	02.10
-References reviewed and updated.		
10 2019 annual review: added HIM-Medical Benefit; added Jivi;	10.29.18	02.19
removed Monoclate-P since it is no longer available on market;	10.29.10	02.17
removed requirement for failure of Advate for Xyntha requests as it is		
not clinically necessary nor contractually driven; allowed use of		
Kovaltry for routine prophylaxis per FDA indication; moved criterion		
that member does not have VWD to section III Diagnoses/Indications		
Not Covered; references reviewed and updated.		
No significant changes: Esperoct added to the policy; referenced	03.13.19	
reviewed and updated.		
1Q 2020 annual review: no significant changes; added HIM line of	11.26.19	02.20
business; references reviewed and updated.		
Added Commercial line of business.	03.13.20	
Added 1 month approval duration for use post-valoctocogene gene	04.17.20	05.20
therapy administration in hemophilia A.		

Important Reminder

This clinical policy has been developed by appropriately experienced and licensed health care professionals based on a review and consideration of currently available generally accepted



standards of medical practice; peer-reviewed medical literature; government agency/program approval status; evidence-based guidelines and positions of leading national health professional organizations; views of physicians practicing in relevant clinical areas affected by this clinical policy; and other available clinical information. The Health Plan makes no representations and accepts no liability with respect to the content of any external information used or relied upon in developing this clinical policy. This clinical policy is consistent with standards of medical practice current at the time that this clinical policy was approved. "Health Plan" means a health plan that has adopted this clinical policy and that is operated or administered, in whole or in part, by Centene Management Company, LLC, or any of such health plan's affiliates, as applicable.

The purpose of this clinical policy is to provide a guide to medical necessity, which is a component of the guidelines used to assist in making coverage decisions and administering benefits. It does not constitute a contract or guarantee regarding payment or results. Coverage decisions and the administration of benefits are subject to all terms, conditions, exclusions and limitations of the coverage documents (e.g., evidence of coverage, certificate of coverage, policy, contract of insurance, etc.), as well as to state and federal requirements and applicable Health Plan-level administrative policies and procedures.

This clinical policy is effective as of the date determined by the Health Plan. The date of posting may not be the effective date of this clinical policy. This clinical policy may be subject to applicable legal and regulatory requirements relating to provider notification. If there is a discrepancy between the effective date of this clinical policy and any applicable legal or regulatory requirement, the requirements of law and regulation shall govern. The Health Plan retains the right to change, amend or withdraw this clinical policy, and additional clinical policies may be developed and adopted as needed, at any time.

This clinical policy does not constitute medical advice, medical treatment or medical care. It is not intended to dictate to providers how to practice medicine. Providers are expected to exercise professional medical judgment in providing the most appropriate care, and are solely responsible for the medical advice and treatment of members. This clinical policy is not intended to recommend treatment for members. Members should consult with their treating physician in connection with diagnosis and treatment decisions.

Providers referred to in this clinical policy are independent contractors who exercise independent judgment and over whom the Health Plan has no control or right of control. Providers are not agents or employees of the Health Plan.

This clinical policy is the property of the Health Plan. Unauthorized copying, use, and distribution of this clinical policy or any information contained herein are strictly prohibited. Providers, members and their representatives are bound to the terms and conditions expressed herein through the terms of their contracts. Where no such contract exists, providers, members and their representatives agree to be bound by such terms and conditions by providing services to members and/or submitting claims for payment for such services.

Note: For Medicaid members, when state Medicaid coverage provisions conflict with the coverage provisions in this clinical policy, state Medicaid coverage provisions take precedence. Please refer to the state Medicaid manual for any coverage provisions pertaining to this clinical policy.



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