

**Clinical Policy: Emicizumab-kxwh (Hemlibra)**

Reference Number: CP.PHAR.370

Effective Date: 03.01.18

Last Review Date: 05.20

Line of Business: Commercial, HIM, Medicaid

[Coding Implications](#)[Revision Log](#)

See [Important Reminder](#) at the end of this policy for important regulatory and legal information.

**Description**

Emicizumab-kxwh (Hemlibra<sup>®</sup>) is a bispecific factor IXa- and factor X-directed antibody.

**FDA Approved Indication(s)**

Hemlibra is indicated for routine prophylaxis to prevent or reduce the frequency of bleeding episodes in adult and pediatric patients ages newborn and older with hemophilia A (congenital factor VIII deficiency) with or without factor VIII inhibitors.

**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<sup>®</sup> that Hemlibra is **medically necessary** when the following criteria are met:

**I. Initial Approval Criteria****A. Congenital Hemophilia A With Inhibitors (must meet all):**

1. Prescribed for routine prophylaxis of bleeding episodes in patients with congenital hemophilia A (factor VIII deficiency);
2. Prescribed by or in consultation with a hematologist;
3. Member has inhibitor level  $\geq 5$  Bethesda units (BU);
4. Provider confirms that member will discontinue any use of bypassing agents or factor VIII products as prophylactic therapy while on Hemlibra (on-demand usage may be continued);
5. Dose does not exceed 3 mg/kg per week during the first four weeks of therapy, followed by either 1.5 mg/kg per week, 3 mg/kg once every two weeks, or 6 mg/kg once every four weeks thereafter.

**Approval duration: 6 months**

**B. Congenital Hemophilia A Without Inhibitors (must meet all):**

1. Prescribed for routine prophylaxis of bleeding episodes in patients with congenital hemophilia A (factor VIII deficiency);
2. Prescribed by or in consultation with a hematologist;
3. Member has severe hemophilia A (severe defined as pre-treatment factor VIII level  $< 1\%$ );
4. Member meets one of the following (a or b):

- a. Failure of a factor VIII product (e.g., Advate<sup>®</sup>, Adynovate<sup>®</sup>, Eloctate<sup>®</sup>) used for routine prophylaxis as assessed and documented by prescriber (*see Appendix D*), unless contraindicated or clinically significant adverse effects are experienced;  
*\*Prior authorization is required for factor VIII products*
  - b. Member has poor venous access, does not tolerate frequent venous access, or has central line or port placement;
5. Provider confirms that member will discontinue any use of factor VIII products as prophylactic therapy while on Hemlibra (on-demand usage may be continued);
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 3 mg/kg per week during the first four weeks of therapy, followed by either 1.5 mg/kg per week, 3 mg/kg once every two weeks, or 6 mg/kg once every four weeks thereafter.

**Approval duration: 1 month (if immediately following valoctocogene roxaparvovec gene therapy administration) or 6 months (other indications)**

**C. Other diagnoses/indications**

1. 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. Congenital Hemophilia A With or Without Inhibitors (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 (*see Appendix D*) and has not received treatment with valoctocogene roxaparvovec;
  - b. Member is responding positively to therapy (*see Appendix D*) and request is for prophylaxis post-valoctocogene roxaparvovec gene therapy administration;
3. Provider confirms that member will discontinue any use of bypassing agents (if member has inhibitors) or factor VIII products as prophylactic therapy while on Hemlibra (on-demand usage may be continued);
4. If request is for a dose increase, new dose does not exceed 3 mg/kg per week during the first four weeks of therapy, followed by either 1.5 mg/kg per week, 3 mg/kg once every two weeks or 6 mg/kg once every four weeks thereafter.

**Approval duration: 6 months (prophylaxis) or 1 month (if 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**

2. 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 policies – CP.CPA.09 for commercial, HIM.PHAR.21 for health insurance marketplace, and CP.PMN.53 for Medicaid or evidence of coverage documents.

**IV. Appendices/General Information**

*Appendix A: Abbreviation/Acronym Key*

aPCC: activated prothrombin complex concentrate  
BU: Bethesda unit

FDA: Food and Drug Administration  
FEIBA: factor eight inhibitor bypassing activity

*Appendix B: Therapeutic Alternatives*

Not applicable

*Appendix C: Contraindications/Boxed Warnings*

- Contraindication(s): none reported
- Boxed warning(s): thrombotic microangiopathy and thromboembolism. Cases of thrombotic microangiopathy and thrombotic events were reported when on average a cumulative amount of >100 U/kg/24 hours of activated prothrombin complex concentrate (aPCC) was administered for 24 hours or more to patients receiving Hemlibra prophylaxis. Monitoring is recommended for the development of thrombotic microangiopathy and thrombotic events if aPCC is administered. Discontinuation of aPCC and suspended dosing of Hemlibra is also recommended if symptoms occur.

*Appendix D: General Information*

- The elimination half-life of Hemlibra is  $27.8 \pm 8.1$  days. Therefore, the “on-demand” use of Hemlibra for the treatment of acute bleeding episodes is inappropriate.
- There is insufficient data to support the use of Hemlibra for the treatment of hemophilia B either with or without inhibitors.
- There is potential for thrombotic microangiopathy and thrombotic events when used concurrently with FEIBA > 100 U/kg/day for 24 hours or more. Additional monitoring is recommended with concomitant use of the two agents. Discontinuation of FEIBA and suspended dosing of Hemlibra is recommended if symptoms occur.
- The World Federation of Hemophilia recommends starting primary prophylaxis before the second clinically evident large joint bleed, and before 3 years of age, to prevent future bleeding episodes and the resulting complications.
- Examples of member responding positively to therapy may include: reduction in number of all bleeds over time, reduction in number of joint bleeds over time, or reduction in number of target joint bleeds over time.

- There are no strict criteria for failing factor VIII product for routine prophylaxis; however, the following reasons are acceptable to fulfill the criteria:
  - Prescriber has documented clinical criteria which support his or her assessment that the member has failed factor VIII therapy;
  - Clinically significant bleeding, hemarthroses, life-threatening bleeding episodes, joint swelling, upcoming surgery/procedure not responding to current therapy, or other clinical assessment as determined by prescriber.

## V. Dosage and Administration

Indication	Dosing Regimen	Maximum Dose
Routine prophylaxis of bleeding episodes	Loading dose of 3 mg/kg SC weekly for four weeks, followed by a maintenance dose of 1.5 mg/kg SC weekly or 3 mg/kg once every two weeks or 6 mg/kg once every four weeks	3 mg/kg/week for the first 4 weeks, followed by 1.5 mg/kg/week thereafter

## VI. Product Availability

Single-dose vials for injection: 30 mg/mL, 60 mg/0.4 mL, 105 mg/0.7 mL, 150 mg/mL

## VII. References

1. Hemlibra Prescribing Information. South San Francisco, CA: Genentech, Inc.; October 2018. Available at: [https://www.gene.com/download/pdf/hemlibra\\_prescribing.pdf](https://www.gene.com/download/pdf/hemlibra_prescribing.pdf). Accessed November 27, 2019.

## 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-to-date sources of professional coding guidance prior to the submission of claims for reimbursement of covered services.

HCPCS Codes	Description
J7170	Injection, emicizumab-kxwh, 0.5 mg

Reviews, Revisions, and Approvals	Date	P&T Approval Date
Policy created	01.16.18	02.18
Criteria updated for new FDA indication: hemophilia A without inhibitors; references reviewed and updated.	11.20.18	02.19
Criteria updated to distinguish between hemophilia A with and without inhibitors; new approval criteria added for hemophilia A without inhibitors.	07.16.19	08.19
1Q 2020 annual review: no significant changes; added HIM line of business from HIM-Medical Benefit; references reviewed and updated.	11.27.19	02.20

Reviews, Revisions, and Approvals	Date	P&T Approval Date
Added 1 month approval duration for use post-valoctocogene gene therapy administration in hemophilia A.	04.17.20	05.20

**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.

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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.

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**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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