

## PHARMACY COVERAGE GUIDELINE

### ALHEMO® (concizumab-mtci) subcutaneous injection HEMLIBRA® (emicizumab-kxwh) subcutaneous injection HYMPAVZI™ (marstacimab-hncq) subcutaneous injection QFITLIA™ (fitusiran) subcutaneous injection Generic Equivalent (if available)

#### **This Pharmacy Coverage Guideline (PCG):**

- Provides information about the reasons, basis, and information sources we use for coverage decisions
- Is not an opinion that a drug (collectively “Service”) is clinically appropriate or inappropriate for a patient
- Is not a substitute for a provider’s judgment (Provider and patient are responsible for all decisions about appropriateness of care)
- Is subject to all provisions e.g. (benefit coverage, limits, and exclusions) in the member’s benefit plan; and
- Is subject to change as new information becomes available.

#### **Scope**

- This PCG applies to Commercial and Marketplace plans
- This PCG does not apply to the Federal Employee Program, Medicare Advantage, Medicaid or members of out-of-state Blue Cross and/or Blue Shield Plans

#### **Instructions & Guidance**

- To determine whether a member is eligible for the Service, read the entire PCG.
- This PCG is used for FDA approved indications including, but not limited to, a diagnosis and/or treatment with dosing, frequency, and duration.
- Use of a drug outside the FDA approved guidelines, refer to the appropriate Off-Label Use policy.
- The “Criteria” section outlines the factors and information we use to decide if the Service is medically necessary as defined in the Member’s benefit plan.
- The “Description” section describes the Service.
- The “Definition” section defines certain words, terms or items within the policy and may include tables and charts.
- The “Resources” section lists the information and materials we considered in developing this PCG
- **We do not accept patient use of samples as evidence of an initial course of treatment, justification for continuation of therapy, or evidence of adequate trial and failure.**
- Information about medications that require prior authorization is available at [www.azblue.com/pharmacy](http://www.azblue.com/pharmacy). You must fully complete the [request form](#) and provide chart notes, lab workup and any other supporting documentation. The prescribing provider must sign the form. Fax the form to BCBSAZ Pharmacy Management at (602) 864-3126 or email it to [Pharmacyprecert@azblue.com](mailto:Pharmacyprecert@azblue.com).

#### **Criteria:**

### ALHEMO (concizumab-mtci) subcutaneous injection

- **Criteria for initial therapy:** Alhemo (concizumab-mtci) subcutaneous injection and/or generic equivalent (if available) is considered **medically necessary** and will be approved when **ALL** the following criteria are met:
  1. Prescriber is a physician specializing in the patient’s diagnosis or is in consultation with a Hematologist
  2. Individual is 12 years of age or older

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### ALHEMO® (concizumab-mtci) subcutaneous injection HEMLIBRA® (emicizumab-kxwh) subcutaneous injection HYMPAVZI™ (marstacimab-hncq) subcutaneous injection QFITLIA™ (fitusiran) subcutaneous injection Generic Equivalent (if available)

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3. Individual has a confirmed diagnosis of **ONE** of the following:
  - a. Hemophilia A (congenital factor VIII deficiency) **with or without** factor VIII inhibitors
  - b. Hemophilia B (congenital factor IX deficiency) **with or without** factor IX inhibitors
4. **For hemophilia A with factor VIII inhibitors:** Individual has a positive test for factor VIII inhibitor
5. **For hemophilia B with factor IX inhibitors:** Individual has a positive test for factor IX inhibitor
6. Request is for routine prophylaxis to prevent or reduce the frequency of bleeding episodes
7. Individual has **ONE** of the following:
  - a. Severe hemophilia A (defined as endogenous factor VIII of less than 1 International Unit per deciliter [1IU/dL or less than 1%])
  - b. Severe hemophilia B (defined as endogenous factor IX of less than 2 International Unit per deciliter [2IU/dL or less than 2%])
  - c. Mild to moderate hemophilia A or B (defined as endogenous factor VIII less than 40 IU/dl [less than 40%], but greater than or equal to 1 IU/dL) and **ONE** of the following:
    - i. Has one or more episodes of spontaneous bleeding into joints
    - ii. Has one or more episodes of severe, life-threatening, or spontaneous bleeding events
    - iii. Has a phenotype hemophilia determined by individual's risk factors that increase the risk of a clinically significant bleed (ex., participation in activities likely to cause injury/trauma, comorbid conditions affecting functional ability and physical coordination, or history of a clinically significant bleed)
8. There is documentation of a negative pregnancy test in a woman of childbearing potential
9. Individual does not have **ANY** of the following:
  - a. History of thromboembolic disease (e.g., arterial and venous thrombosis, myocardial infarction, pulmonary embolism, cerebral infarction/thrombosis, deep vein thrombosis, and peripheral artery occlusion)
  - b. Current clinical signs of, or treatment for thromboembolic disease
10. **If available:** Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a **generic equivalent** [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] ([see Definitions section](#))
11. Alhemo will not be used in an individual receiving ongoing Immune Tolerance Induction (ITI), a desensitization strategy for the eradication of inhibitors, as safety and efficacy have not been established
12. Alhemo will not be used in combination with Hemlibra, Hympavzi, Qfitlia

**Initial approval duration:** 6 months

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- **Criteria for continuation of coverage (renewal request):** Alhemo (concizumab-mtci) subcutaneous injection and/or generic equivalent (if available) is considered **medically necessary** and will be approved when **ALL** the following criteria are met (**samples are not considered for continuation of therapy**):
1. Individual continues to be seen by a physician specializing in the patient's diagnosis or is in consultation with a Hematologist
  2. Individual has a confirmed diagnosis of **ONE** of the following:
    - a. Hemophilia A (congenital factor VIII deficiency) **with or without** factor VIII inhibitors
    - b. Hemophilia B (congenital factor IX deficiency) **with or without** factor IX inhibitors
  3. Individual has **ONE** of the following:
    - a. Severe hemophilia A (defined as endogenous factor VIII of less than 1 International Unit per deciliter [1IU/dL or less than 1%])
    - b. Severe hemophilia B (defined as endogenous factor IX of less than 2 International Unit per deciliter [2IU/dL or less than 2%])
    - c. Mild to moderate hemophilia A or B (defined as endogenous factor VIII less than 40 IU/dl [less than 40%], but greater than or equal to 1 IU/dL) and **ONE** of the following:
      - i. Has one or more episodes of spontaneous bleeding into joints
      - ii. Has one or more episodes of severe, life-threatening, or spontaneous bleeding events
      - iii. Has a phenotype hemophilia determined by individual's risk factors that increase the risk of a clinically significant bleed (e.g., participation in activities likely to cause injury/trauma, comorbid conditions affecting functional ability and physical coordination, or history of a clinically significant bleed)
  4. Individual has documentation of positive clinical response to therapy defined as a reduction in the following:
    - a. Frequency of bleeding episodes
    - b. Severity of bleeding episodes
    - c. Number of bleeding episodes that required treatment
    - d. Number of spontaneous bleeds
  5. Individual has been adherent with the medication
  6. **If available:** Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a **generic equivalent** [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] ([see Definitions section](#))
  7. Individual is not currently taking drugs which may cause severe adverse reactions or significant drug interactions that may require discontinuation such as concurrent use of activated prothrombin complex concentrate that results in:
    - a. Venous and arterial thromboembolic events
    - b. Hypersensitivity reaction

ORIGINAL EFFECTIVE DATE: 11/21/2024 | ARCHIVE DATE: | LAST REVIEW DATE: 11/20/2025 | LAST CRITERIA REVISION DATE: 11/20/2025

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- Alhemo will not be used in an individual receiving ongoing Immune Tolerance Induction (ITI), a desensitization strategy for the eradication of inhibitors, as safety and efficacy have not been established
- Alhemo will not be used in combination with Hemlibra, Hymravzi, or Qfitlia

**Renewal duration:** 12 months

- Criteria for a request for non-FDA use or indication, treatment with dosing, frequency, or duration outside the FDA-approved dosing, frequency, and duration, refer to one of the following Pharmacy Coverage Guideline:
  - Off-Label Use of Non-Cancer Medications**
  - Off-Label Use of Cancer Medications**

## HEMLIBRA (emicizumab-kxwh)

- Criteria for initial therapy:** Hemlibra (emicizumab-kxwh) subcutaneous injection and/or generic equivalent (if available) is considered **medically necessary** and will be approved when **ALL** the following criteria are met:
  - Prescriber is a physician specializing in the patient's diagnosis or is in consultation with a Hematologist
  - Individual is newborn or older
  - Individual has a confirmed diagnosis of hemophilia A (congenital factor VIII deficiency) **with or without factor VIII inhibitors**
  - For hemophilia A with factor VIII inhibitors:** Individual has a positive test for factor VIII inhibitor
  - Individual has **ONE** of the following:
    - Severe hemophilia A (defined as endogenous factor VIII less than 1 International Unit per deciliter [1IU/dL])
    - Mild to moderate hemophilia A (defined as endogenous factor VIII less than 40 IU/dl [less than 40%], but greater than or equal to 1 IU/dl) and **ONE** of the following:
      - Has one or more episodes of spontaneous bleeding into joints
      - Has one or more episodes of severe, life-threatening, or spontaneous bleeding events
      - Has a phenotype hemophilia determined by individual's risk factors that increase the risk of a clinically significant bleed (ex., participation in activities likely to cause injury/trauma, comorbid conditions affecting functional ability and physical coordination, or history of a clinically significant bleed)
  - Requested agent is for routine prophylaxis to prevent or reduce the frequency of bleeding episodes and **ONE** of the following:

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## PHARMACY COVERAGE GUIDELINE

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- a. If switching from bypassing agents (i.e., NovoSeven RT, SevenFact, FEIBA), individual will discontinue prophylactic bypassing agents the day before starting Hemlibra prophylaxis
  - b. If switching from prophylactic factor VIII agents, they will be discontinued after the first week of Hemlibra initiation
7. **If available:** Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a **generic equivalent** [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] ([see Definitions section](#))
8. Hemlibra will not be used in combination with Alhemo, Hympavzi, or Qfitlia

**Initial approval duration:** 6 months

- **Criteria for continuation of coverage (renewal request):** Hemlibra (emicizumab-kxwh) subcutaneous injection and/or generic equivalent (if available) is considered **medically necessary** and will be approved when **ALL** the following criteria are met (**samples are not considered for continuation of therapy**):
1. Individual continues to be seen by a physician specializing in the patient's diagnosis or is in consultation with a Hematologist
  2. Individual has a confirmed diagnosis of hemophilia A (congenital factor VIII deficiency) ***with or without*** factor VIII inhibitors
  3. Individual has **ONE** of the following:
    - a. Severe hemophilia A (defined as endogenous factor VIII less than 1 International Unit per deciliter [1IU/dL])
    - b. Mild to moderate hemophilia A (defined as endogenous factor VIII less than 40 IU/dl [less than 40%], but greater than or equal to 1 IU/dl) and **ONE** of the following:
      - i. Has one or more episodes of spontaneous bleeding into joints
      - ii. Has one or more episodes of severe, life-threatening, or spontaneous bleeding events
      - iii. Has a phenotype hemophilia determined by individual's risk factors that increase the risk of a clinically significant bleed (e.g., participation in activities likely to cause injury/trauma, comorbid conditions affecting functional ability and physical coordination, or history of a clinically significant bleed)
  4. Individual has documentation of positive clinical response to therapy defined as a reduction in the following:
    - a. Frequency of bleeding episodes
    - b. Severity of bleeding episodes
    - c. Number of bleeding episodes that required treatment
    - d. Number of spontaneous bleeds
  5. Individual has been adherent with the medication

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6. **If available:** Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a **generic equivalent** [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] ([see Definitions section](#))
7. Individual is not currently taking drugs which may cause severe adverse reactions or significant drug interactions that may require discontinuation such as concurrent use of activated prothrombin complex concentrate that results in:
  - a. Thrombotic Microangiopathy
  - b. Thromboembolic events
  - c. Thrombocytopenia
  - d. Microangiopathic hemolytic anemia
  - e. Acute kidney injury
  - f. Thromboembolism
8. Hemlibra will not be used in combination with Alhemo, Hymfavzi, Qfitlia

**Renewal duration:** 12 months

- Criteria for a request for non-FDA use or indication, treatment with dosing, frequency, or duration outside the FDA-approved dosing, frequency, and duration, refer to one of the following Pharmacy Coverage Guideline:

1. **Off-Label Use of Non-Cancer Medications**
2. **Off-Label Use of Cancer Medications**

### HYMPAVZI (marstacimab-hncq) subcutaneous injection

- **Criteria for initial therapy:** Hymfavzi (marstacimab-hncq) subcutaneous injection and/or generic equivalent (if available) is considered **medically necessary** and will be approved when **ALL** the following criteria are met:
1. Prescriber is a physician specializing in the patient's diagnosis or is in consultation with a Hematologist
  2. Individual is 12 years of age or older who weigh at least 35 kg
  3. Individual has a confirmed diagnosis of **ONE** of the following
    - a. Severe hemophilia A (congenital factor VIII deficiency) **without** factor VIII inhibitors
    - b. Severe hemophilia B (congenital factor IX deficiency) **without** factor IX inhibitors
  4. Request is for routine prophylaxis to prevent or reduce the frequency of bleeding episodes in an individual receiving on-demand or routine prophylactic factor replacement treatment

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### ALHEMO® (concizumab-mtci) subcutaneous injection HEMLIBRA® (emicizumab-kxwh) subcutaneous injection HYMPAVZI™ (marstacimab-hncq) subcutaneous injection QFITLIA™ (fitusiran) subcutaneous injection Generic Equivalent (if available)

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5. Individual has **ONE** of the following:
  - a. Severe hemophilia A (defined as endogenous factor VIII of less than 1 International Unit per deciliter [1IU/dL or less than 1%])
  - b. Severe hemophilia B (defined as endogenous factor IX of less than 2 International Unit per deciliter [2IU/dL or less than 2%])
  - c. Mild to moderate hemophilia A or B (defined as endogenous factor VIII less than 40 IU/dl [less than 40%], but greater than or equal to 1 IU/dL) and **ONE** of the following:
    - i. Has one or more episodes of spontaneous bleeding into joints
    - ii. Has one or more episodes of severe, life-threatening, or spontaneous bleeding events
    - iii. Has a phenotype hemophilia determined by individual's risk factors that increase the risk of a clinically significant bleed (e.g., participation in activities likely to cause injury/trauma, comorbid conditions affecting functional ability and physical coordination, or history of a clinically significant bleed)
6. **If available:** Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a **generic equivalent** [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] ([see Definitions section](#))
7. Prior to initiation of Hympavzi, treatment with clotting factor concentrates (factor VIII or factor IX concentrates) are to be discontinued, Hympavzi can be started at any time after they have been stopped
8. Additional doses of Hympavzi to treat breakthrough bleeds will not be used, Factor VIII and Factor IX products can be administered for the treatment of breakthrough bleeds in individuals receiving Hympavzi
9. There is documentation of a negative pregnancy test in a woman of childbearing potential
10. Individual does not have a history of previous venous or arterial thromboembolic events, history of coronary artery disease, or ischemic disease
11. Hympavzi will not be used in combination with Alhemo, Hemlibra, or Qfitlia

**Initial approval duration:** 6 months

- **Criteria for continuation of coverage (renewal request):** Hympavzi (marstacimab-hncq) subcutaneous injection and/or generic equivalent (if available) is considered **medically necessary** and will be approved when **ALL** the following criteria are met (**samples are not considered for continuation of therapy**):
1. Individual continues to be seen by a physician specializing in the patient's diagnosis or is in consultation with a Hematologist
  2. Individual has a confirmed diagnosis of hemophilia A (congenital factor VIII deficiency) without factor VIII inhibitors or hemophilia B (congenital factor IX deficiency) without factor IX inhibitors

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### ALHEMO® (concizumab-mtci) subcutaneous injection HEMLIBRA® (emicizumab-kxwh) subcutaneous injection HYMPAVZI™ (marstacimab-hncq) subcutaneous injection QFITLIA™ (fitusiran) subcutaneous injection Generic Equivalent (if available)

3. Individual has **ONE** of the following:
  - a. Severe hemophilia A (defined as endogenous factor VIII of less than 1 International Unit per deciliter [1IU/dL or less than 1%])
  - b. Severe hemophilia B (defined as endogenous factor IX of less than 2 International Unit per deciliter [2IU/dL or less than 2%])
  - c. Mild to moderate hemophilia A or B (defined as endogenous factor VIII less than 40 IU/dl [less than 40%], but greater than or equal to 1 IU/dL) and **ONE** of the following:
    - i. Has one or more episodes of spontaneous bleeding into joints
    - ii. Has one or more episodes of severe, life-threatening, or spontaneous bleeding events
    - iii. Has a phenotype hemophilia determined by individual's risk factors that increase the risk of a clinically significant bleed (e.g., participation in activities likely to cause injury/trauma, comorbid conditions affecting functional ability and physical coordination, or history of a clinically significant bleed)
4. Individual has documentation of positive clinical response to therapy defined as a reduction in the following:
  - a. Frequency of bleeding episodes
  - b. Severity of bleeding episodes
  - c. Number of bleeding episodes that required treatment
  - d. Number of spontaneous bleeds
5. Requested dose is less than or equal to 300 mg, safety and efficacy of Hymravzi at doses above 300 mg weekly have not been established
6. Individual has been adherent with the medication
7. **If available:** Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a **generic equivalent** [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] ([see Definitions section](#))
8. Individual is not currently taking drugs which may cause severe adverse reactions or significant drug interactions that may require discontinuation such as concurrent use of activated prothrombin complex concentrate that results in:
  - a. Thromboembolic events
  - b. Hypersensitivity reaction
9. Hymravzi will not be used in combination with Alhemo, Hemlibra, or Qfitlia

**Renewal duration:** 12 months

- Criteria for a request for non-FDA use or indication, treatment with dosing, frequency, or duration outside the FDA-approved dosing, frequency, and duration, refer to one of the following Pharmacy Coverage Guideline:

## PHARMACY COVERAGE GUIDELINE

### ALHEMO® (concizumab-mtci) subcutaneous injection HEMLIBRA® (emicizumab-kxwh) subcutaneous injection HYMPAVZI™ (marstacimab-hncq) subcutaneous injection QFITLIA™ (fitusiran) subcutaneous injection Generic Equivalent (if available)

1. Off-Label Use of Non-Cancer Medications
2. Off-Label Use of Cancer Medications

### QFITLIA (fitusiran) subcutaneous injection

- **Criteria for initial therapy:** Qfitlia (fitusiran) subcutaneous injection and/or generic equivalent (if available) is considered **medically necessary** and will be approved when **ALL** the following criteria are met:
1. Prescriber is a physician specializing in the patient's diagnosis or is in consultation with a Hematologist
  2. Individual is 12 years of age or older
  3. Individual has a confirmed diagnosis of **ONE** of the following:
    - a. Severe hemophilia A (congenital factor VIII deficiency) **with or without** factor VIII inhibitors
    - b. Severe hemophilia B (congenital factor IX deficiency) **with or without** factor IX inhibitors
  4. **For hemophilia A with factor VIII inhibitors:** Individual has a positive test for factor VIII inhibitor
  5. **For hemophilia B with factor IX inhibitors:** Individual has a positive test for factor IX inhibitor
  6. The request is for routine prophylaxis to prevent or reduce the frequency of bleeding episodes
  7. Individual has **ONE** of the following:
    - a. Severe hemophilia A (defined as endogenous factor VIII of less than 1 International Unit per deciliter [1IU/dL or less than 1%])
    - b. Severe hemophilia B (defined as endogenous factor IX of less than 2 International Unit per deciliter [2IU/dL or less than 2%])
    - c. Mild to moderate hemophilia A or B (defined as endogenous factor VIII less than 40 IU/dl [less than 40%], but greater than or equal to 1 IU/dL) and **ONE** of the following:
      - i. Has one or more episodes of spontaneous bleeding into joints
      - ii. Has one or more episodes of severe, life-threatening, or spontaneous bleeding events
      - iii. Has a phenotype hemophilia determined by individual's risk factors that increase the risk of a clinically significant bleed (ex., participation in activities likely to cause injury/trauma, comorbid conditions affecting functional ability and physical coordination, or history of a clinically significant bleed)
  8. If approved, clotting factor concentrates (CFC) or bypassing agent (BPA) prophylaxis will be discontinued no later than 7 days after the initial dose of Qfitlia
  9. Individual has completed **ALL** the following **baseline tests** before initiation of treatment and will have continued monitoring as clinically appropriate:
    - a. Antithrombin (AT) activity is at least 60% or more

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- b. Liver function tests including AST, ALT, and total bilirubin
10. Individual does not have **ANY** of the following:
  - a. History of thrombosis or with established thrombophilia
  - b. Established hepatic impairment (Child-Pugh Class A, B, and C)
11. **If available:** Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a **generic equivalent** [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] ([see Definitions section](#))
12. Qfitlia will not be used in combination with Alhemo, Hemlibra, or Hymfavzi

**Initial approval duration:** 6 months

- **Criteria for continuation of coverage (renewal request):** Qfitlia (fitusiran) subcutaneous injection and/or generic equivalent (if available) is considered **medically necessary** and will be approved when **ALL** the following criteria are met (**samples are not considered for continuation of therapy**):
1. Individual continues to be seen by a physician specializing in the patient's diagnosis or is in consultation with a Hematologist
  2. Individual has a confirmed diagnosis of **ONE** of the following:
    - a. Hemophilia A (congenital factor VIII deficiency) **with or without** factor VIII inhibitors
    - b. Hemophilia B (congenital factor IX deficiency) **with or without** factor IX inhibitors
  3. Individual has **ONE** of the following:
    - a. Severe hemophilia A (defined as endogenous factor VIII of less than 1 International Unit per deciliter [1IU/dL or less than 1%])
    - b. Severe hemophilia B (defined as endogenous factor IX of less than 2 International Unit per deciliter [2IU/dL or less than 2%])
    - c. Mild to moderate hemophilia A or B (defined as endogenous factor VIII less than 40 IU/dl [less than 40%], but greater than or equal to 1 IU/dL) and **ONE** of the following:
      - i. Has one or more episodes of spontaneous bleeding into joints
      - ii. Has one or more episodes of severe, life-threatening, or spontaneous bleeding events
      - iii. Has a phenotype hemophilia determined by individual's risk factors that increase the risk of a clinically significant bleed (ex., participation in activities likely to cause injury/trauma, comorbid conditions affecting functional ability and physical coordination, or history of a clinically significant bleed)
  4. Individual has documentation of positive clinical response to therapy defined as a reduction in the following:
    - a. Frequency of bleeding episodes
    - b. Severity of bleeding episodes

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- c. Treatment of all bleeding episodes, spontaneous bleeding, joint bleeding
  - d. Achieves and maintains antithrombin (AT) activity between 15-35%
5. Individual has been adherent with the medication
6. Requested dose is less than 80 mg monthly
7. **If available:** Individual has failure after adequate trial, contraindication per FDA label, intolerance, or is not a candidate for a **generic equivalent** [Note: Failure, contraindication or intolerance to the generic should be reported to the FDA] ([see Definitions section](#))
8. Individual does not have **ANY** of the following:
  - a. History of thrombosis or with established thrombophilia
  - b. Established hepatic impairment (Child-Pugh Class A, B, and C)
9. Individual is not currently taking drugs which may cause severe adverse reactions or significant drug interactions that may require discontinuation such as concurrent use of activated prothrombin complex concentrate that results in:
  - a. Thromboembolic events
  - b. Acute or recurrent gallbladder disease (e.g., cholecystitis, cholelithiasis, pancreatitis)
  - c. Hepatotoxicity
10. Qfitlia will not be used in combination with Alhemo, Hemlibra, or Hymfavzi

**Renewal duration:** 12 months

- Criteria for a request for non-FDA use or indication, treatment with dosing, frequency, or duration outside the FDA-approved dosing, frequency, and duration, refer to one of the following Pharmacy Coverage Guideline:

1. **Off-Label Use of Non-Cancer Medications**
  2. **Off-Label Use of Cancer Medications**
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### **Benefit Type:**

#### **Pharmacy Benefit:**

ALHEMO  
HEMLIBRA  
HYMPAVZI  
QFITLIA

#### **Medical Benefit:**

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ALHEMO  
HEMLIBRA

#### **Coding:**

**HCPCS:** C9399, J3590, J7170

#### **Description:**

Alhemo (concizumab-mtci) is indicated for routine prophylaxis to prevent or reduce the frequency of bleeding episodes in adult and pediatric patients 12 years of age and older with: hemophilia A (congenital factor VIII deficiency) with FVIII inhibitors and hemophilia B (congenital factor IX deficiency) with FIX inhibitors. Concizumab-mtci is a monoclonal antibody antagonist of endogenous Tissue Factor Pathway Inhibitor (TFPI). Inhibition of TFPI enhances FXa production during the initiation phase of coagulation which leads to improved thrombin generation and clot formation with the goal of achieving hemostasis in patients with Hemophilia A or B with inhibitors. Concizumab-mtci effect is not influenced by the presence of inhibitory antibodies to FVIII or FIX. Concizumab-mtci does not induce or enhance the development of direct inhibitors to FVIII or FIX. The safety and efficacy of concomitant use of Alhemo in patients receiving ongoing Immune Tolerance Induction (ITI), a desensitization strategy for the eradication of inhibitors have not been established, and no data are available

Hemlibra (emicizumab-kxwh) subcutaneous injection is a bispecific factor IXa- and factor X-directed antibody 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. Hemlibra (emicizumab-kxwh) bridges activated factor IX and factor X to restore the function of missing activated factor VIII that is needed for effective hemostasis.

Hympavzi (marstacimab-hncq) subcutaneous injection is a tissue factor pathway inhibitor (TFPI) antagonist, a human monoclonal immunoglobulin G type 1 (IgG1) antibody, indicated for routine prophylaxis to prevent or reduce the frequency of bleeding episodes in adult and pediatric patients 12 years of age and older with hemophilia A (congenital factor VIII deficiency) without factor VIII inhibitors, or hemophilia B (congenital factor IX deficiency) without factor IX inhibitors. TFPI is the primary inhibitor of the extrinsic coagulation cascade and negatively regulates thrombin generation within the extrinsic pathway of coagulation by inactivating the protease functions of FXa/FVIIa/TF complex. TFPI binds to and inhibits the factor Xa active site. Marstacimab-hncq neutralizes TFPI activity and enhances coagulation.

Qfitlia (fitusiran) is an antithrombin-directed small interfering ribonucleic acid (siRNA) indicated for routine prophylaxis to prevent or reduce the frequency of bleeding episodes in adult and pediatric patients aged 12 years and older with hemophilia A or B with or without factor VIII or IX inhibitors. Qfitlia (fitusiran) is a double-stranded siRNA that causes degradation of antithrombin (AT) messenger RNA (mRNA) through RNA interference, reducing plasma AT levels. In clinical studies with Qfitlia in hemophilia patients, the primary pharmacodynamic (PD) measure was plasma AT activity. Lower AT activity levels were associated with lower annualized bleeding rates (ABR); however, persistent AT activity <15% is a risk factor for thrombotic events. Qfitlia dosing strategy is

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## PHARMACY COVERAGE GUIDELINE

### **ALHEMO® (concizumab-mtci) subcutaneous injection** **HEMLIBRA® (emicizumab-kxwh) subcutaneous injection** **HYMPAVZI™ (marstacimab-hncq) subcutaneous injection** **QFITLIA™ (fitusiran) subcutaneous injection** **Generic Equivalent (if available)**

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based on maintaining plasma AT activity levels between 15–35% with 10, 20, or 50 mg dosing every month or every two months.

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#### **Definitions:**

U.S. Food and Drug Administration (FDA) MedWatch Forms for FDA Safety Reporting  
[MedWatch Forms for FDA Safety Reporting | FDA](#)

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#### **Resources:**

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