

Clinical Policy: Fibrinogen Concentrate [Human] (Fibryga, RiaSTAP)

Reference Number: LA.PHAR.526

Effective Date: 09.29.23Last Review Date: 03.25.24 ~~05.01.23~~

Line of Business: Medicaid

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

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

****Please note:** This policy is for medical benefit**

Description

The following are fibrinogen (coagulation factor I) concentrates requiring prior authorization: fibrinogen concentrate [human] (Fibryga® and RiaSTAP®).

FDA Approved Indication(s)

Fibryga and RiaSTAP are indicated for the treatment of acute bleeding episodes in adults and children with congenital fibrinogen deficiency, including afibrinogenemia and hypofibrinogenemia.

Limitation(s) of use: Fibryga and RiaSTAP are not indicated for dysfibrinogenemia.

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 Louisiana Healthcare Connections® that Fibryga and RiaSTAP are **medically necessary** when the following criteria are met:

I. Initial Approval Criteria**A. Congenital Fibrinogen Deficiency** (must meet all):

1. Diagnosis of congenital fibrinogen deficiency, including afibrinogenemia or hypofibrinogenemia;
2. Confirmation that the member does not have dysfibrinogenemia;
3. Prescribed by or in consultation with a hematologist;
4. Request is for treatment of acute bleeding episodes;
5. For members who have not previously used fibrinogen concentrate (samples do not count), documentation of both of the following (a and b):
 - a. Plasma functional and immunoreactive fibrinogen levels are < 150 mg/dL;
 - b. Prolonged prothrombin time and activated partial thromboplastin time as determined by laboratory-specific reference values;
6. Dose does not exceed the FDA-approved maximum recommended dose for the relevant indication.

Approval duration: 3 months

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B. Other diagnoses/indications (must meet 1 or 2):

CLINICAL POLICY

Fibrinogen Concentrate (Human)

1. If this drug has recently (within the last 6 months) undergone a label change (e.g., newly approved indication, age expansion, new dosing regimen) that is not yet reflected in this policy, refer to LA.PMN.255
2. If the requested use (e.g., diagnosis, age, dosing regimen) is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized) AND criterion 1 above does not apply, refer to the off-label use policy for the relevant line of business: LA.PMN.53 for Medicaid.

II. Continued Therapy

A. Congenital Fibrinogen Deficiency (must meet all):

1. Currently receiving medication via Louisiana Healthcare Connections benefit or member has previously met initial approval criteria;
2. Member is responding positively to therapy;
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

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B. Other diagnoses/indications (must meet 1 or 2):

1. If this drug has recently (within the last 6 months) undergone a label change (e.g., newly approved indication, age expansion, new dosing regimen) that is not yet reflected in this policy, refer to LA.PMN.255
2. If the requested use (e.g., diagnosis, age, dosing regimen) is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized) AND criterion 1 above does not apply, refer to the off-label use policy for the relevant line of business: LA.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 – LA.PMN.53 for Medicaid, or evidence of coverage documents;
- B. Dysfibrinogenemia.

IV. Appendices/General Information

Appendix A: Abbreviation/Acronym Key

FDA: Food and Drug Administration

Appendix B: Therapeutic Alternatives

Not applicable

Appendix C: Contraindications/Boxed Warnings

- Contraindication(s): individuals who have manifested severe immediate hypersensitivity reactions, including anaphylaxis, to Fibryga or its components (sodium citrate dihydrate;

CLINICAL POLICY

Fibrinogen Concentrate (Human)

glycine; L-arginine hydrochloride); known anaphylactic or severe systemic reactions to human plasma-derived products (RiaSTAP)

- Boxed warning(s): none reported

V. Dosage and Administration

Drug Name	Dosing Regimen	Maximum Dose
Fibrinogen concentrate (Fibryga)	<p>The recommended target fibrinogen plasma level is 100 mg/dL for minor bleeding and 150 mg/dL for major bleeding.</p> <p><u>When baseline fibrinogen level is known</u></p> <ul style="list-style-type: none"> • Age \geq 12 years: [Target fibrinogen level (mg/dL) – measured fibrinogen level (mg/dL)]/1.8 (mg/dL per mg/kg body weight) by IV infusion • Age < 12 years: [Target fibrinogen level (mg/dL) – measured fibrinogen level (mg/dL)]/1.4 (mg/dL per mg/kg body weight) by IV infusion <p><u>When baseline fibrinogen level is not known</u></p> <p>70 mg/kg/dose by IV infusion</p>	Individualized based on the extent of bleeding, laboratory values, and the clinical condition of the patient
Fibrinogen concentrate (RiaSTAP)	<p><u>When baseline fibrinogen level is known</u></p> <p>[Target fibrinogen level (mg/dL) – measured fibrinogen level (mg/dL)]/1.7 (mg/dL per mg/kg body weight) by IV infusion</p> <p><u>When baseline fibrinogen level is not known</u></p> <p>70 mg/kg/dose by IV infusion</p>	Individualized based on the extent of bleeding, laboratory values, and the clinical condition of the patient

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VI. Product Availability

Drug Name	Availability
Fibrinogen concentrate (Fibryga)	Lyophilized powder for reconstitution in a single-dose bottle: approximately 1 gram
Fibrinogen concentrate (RiaSTAP)	Lyophilized powder for reconstitution in a single-dose vial: 900-1,300 mg

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VII. References

1. Fibryga Prescribing Information. Paramus, NJ: Octapharma USA, Inc.; December 2020. Available at: https://www.fibrygausa.com/wp-content/uploads/2021/03/20201222_pil_347_11.07_US_en.pdf. Accessed February 27, 2022, 2023.
2. RiaSTAP Prescribing Information. Kankakee, IL: CSL Behring LLC; June 2021. Available at: <https://www.riastap.com>; <https://www.riastap.com>. Accessed February 27, 2022, 2023.

CLINICAL POLICY

Fibrinogen Concentrate (Human)

3. De Moerloose P, Casini A, Neerman-Arbez M. Congenital fibrinogen disorders: an update. Semin Thromb Hemost 2013;39:585-95.
4. National Hemophilia Foundation. MASAC recommendations concerning products licensed for the treatment of hemophilia and other bleeding disorders (revised ~~August 2020~~March 2022). Available at: https://www.hemophilia.org/sites/default/files/document/files/263_treatment.pdf~~https://www.hemophilia.org/sites/default/files/document/files/272_Treatment.pdf~~. Accessed February ~~27, 2022~~5, 2023.

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

HCPCS Codes	Description
J7177	Injection, human fibrinogen concentrate (Fibryga), 1 mg
J7178	Injection, human fibrinogen concentrate, not otherwise specified, 1 mg

Reviews, Revisions, and Approvals	Date	LDH Approval Date
Policy created	05.01.23	<u>08.28.23</u>
<u>Annual review: no significant changes; references reviewed and updated.</u>	<u>03.25.24</u>	

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. LHCC 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.

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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,

CLINICAL POLICY

Fibrinogen Concentrate (Human)

contract of insurance, etc.), as well as to state and federal requirements and applicable LHCC administrative policies and procedures.

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