

Clinical Policy: Pegunigalsidase Alfa-iwxj (Elfabrio)

Reference Number: LA.PHAR.512

Effective Date:

Last Review Date: 04.04.24

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

Pegunigalsidase alfa-iwxj (Elfabrio[®]) is a hydrolytic lysosomal neutral glycosphingolipid-specific enzyme.

FDA Approved Indication(s)

Elfabrio is indicated for the treatment of adults with confirmed Fabry disease.

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 Elfabrio is **medically necessary** when the following criteria are met:

I. Initial Approval Criteria

A. Fabry Disease (must meet all):

1. Diagnosis of Fabry disease confirmed by one of the following (a or b):
 - a. Enzyme assay demonstrating a deficiency of alpha-galactosidase activity;
 - b. DNA testing;
2. Prescribed by or in consultation with a clinical geneticist, cardiologist, nephrologist, neurologist, lysosomal disease specialist, or Fabry disease specialist;
3. Age \geq 18 years;
4. Elfabrio is not prescribed concurrently with Fabrazyme[®] or Galafold[®];
5. Dose does not exceed 1 mg/kg every 2 weeks.

Approval duration: 6 months

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 one of the following policies (a or b):
 - a. For drugs on the PDL, the no coverage criteria policy for the relevant line of business: LA.PMN.255; or

- b. For drugs NOT on the PDL, the non-formulary policy for the relevant line of business: LACP.CPA.190 for commercial, HIM.PA.103 for health insurance marketplace, and CP.PMN.16 for Medicaid; or
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. Fabry Disease (must meet all):

- a. Member is currently receiving medication via Louisiana Healthcare Connections benefit or member has previously met initial approval criteria;
1. Member is responding positively to therapy as evidenced by improvement in the individual member's Fabry disease manifestation profile (*see Appendix D for examples*);
2. If request is for a dose increase, new dose does not exceed 1 mg/kg every 2 weeks.

Approval duration: 12 months

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 one of the following policies (a or b):
 - a. For drugs on the PDL, the no coverage criteria policy for the relevant line of business: LA.PMN.255; or
 - b. For drugs NOT on the PDL, the non-formulary policy for the relevant line of business: LA.PMN.16; or
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.

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.

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): none
- Boxed warning(s): hypersensitivity reactions including anaphylaxis

Appendix D: General Information

The presenting symptoms and clinical course of Fabry disease can vary from one individual to another. As such, there is not one generally applicable set of clinical criteria that can be used to determine appropriateness of continuation of therapy. Some examples, however, of improvement in Fabry disease as a result of Fabrazyme therapy may include improvement in:

- Fabry disease signs such as pain in the extremities, hypohidrosis or anhidrosis, or angiokeratomas
- Diarrhea, abdominal pain, nausea, vomiting, and flank pain
- Renal function
- Neuropathic pain, heat and cold intolerance, vertigo and diplopia
- Fatigue
- Cornea verticillata

V. Dosage and Administration

| Indication | Dosing Regimen | Maximum Dose |
|---------------|--------------------------|-----------------|
| Fabry disease | 1 mg/kg IV every 2 weeks | 1 mg/kg/2 weeks |

VI. Product Availability

Injection solution in a single-dose vial: 20 mg/10 mL

VII. References

1. Elfabrio Prescribing Information. Parma, Italy: Chiesi Farmaceutici; May 2023. Available at: https://resources.chiesiusa.com/Elfabrio/ELFABRIO_PI.pdf. Accessed May 15, 2023.
2. Ortiz, A., Germain DP, Desnick RJ, et al. Fabry disease revisited: management and treatment recommendations for adult patients. *Molecular Genetics and Metabolism*. 2018 Apr;123(4):416-27.
3. Linhart A, Nicholls K, West M, et al. Pegunigalsidase alfa for the treatment of Fabry disease – Phase III open label, switch-over study from agalsidase alfa – preliminary results. Poster abstract.
4. Schiffmann R, Goker-Alpan O, Holida M, et al. Pegunigalsidase alfa, a novel PEGylated enzyme replacement therapy for Fabry disease, provides sustained plasma concentrations and favorable pharmacodynamics: a 1-year Phase 1/2 clinical trial. *J Inher Metab Dis*. 2019;42:534-44.

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 |
|-------------|--|
| J2508 | Injection, pegunigalsidase alfa-iwxj, 1 mg |

| Reviews, Revisions, and Approvals | Date | LDH Approval Date |
|--------------------------------------|----------|-------------------|
| Converted corporate to local policy. | 04.04.24 | |

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.

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 LHCC administrative policies and procedures.

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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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CLINICAL POLICY
Pegunigalsidase Alfa-iwxj



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