

Medical Policy:

Aldurazyme® (Iaronidase) Intravenous

POLICY NUMBER	LAST REVIEW	ORIGIN DATE
MG.MM.PH.303	February 11, 2025	2018

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The treating physician or primary care provider must submit to EmblemHealth, or ConnectiCare, as applicable (hereinafter jointly referred to as “EmblemHealth”), the clinical evidence that the member meets the criteria for the treatment or surgical procedure. Without this documentation and information, EmblemHealth will not be able to properly review the request preauthorization or post-payment review. The clinical review criteria expressed below reflects how EmblemHealth determines whether certain services or supplies are medically necessary. This clinical policy is not intended to pre-empt the judgment of the reviewing medical director or dictate to health care providers how to practice medicine. Health care providers are expected to exercise their medical judgment in rendering appropriate care. Health care providers are expected to exercise their medical judgment in rendering appropriate care.

EmblemHealth established the clinical review criteria based upon a review of currently available clinical information (including clinical outcome studies in the peer reviewed published medical literature, regulatory status of the technology, evidence-based guidelines of public health and health research agencies, evidence-based guidelines and positions of leading national health professional organizations, views of physicians practicing in relevant clinical areas, and other relevant factors). EmblemHealth expressly reserves the right to revise these conclusions as clinical information changes and welcomes further relevant information. Each benefit program defines which services are covered. The conclusion that a particular service or supply is medically necessary does not constitute a representation or warranty that this service or supply is covered and/or paid for by EmblemHealth, as some programs exclude coverage for services or supplies that EmblemHealth considers medically necessary.

If there is a discrepancy between this guideline and a member's benefits program, the benefits program will govern. Identification of selected brand names of devices, tests and procedures in a medical coverage policy is for reference only and is not an endorsement of any one device, test or procedure over another. In addition, coverage may be mandated by applicable legal requirements of a state, the Federal Government or the Centers for Medicare & Medicaid Services (CMS) for Medicare and Medicaid members. All coding and web site links are accurate at time of publication.

EmblemHealth may also use tools developed by third parties, such as the MCG™ Care Guidelines, to assist us in administering health benefits. The MCG™ Care Guidelines are intended to be used in connection with the independent professional medical judgment of a qualified health care provider and do not constitute the practice of medicine or medical advice. EmblemHealth Services Company, LLC, has adopted this policy in providing management, administrative and other services to EmblemHealth Plan, Inc., EmblemHealth Insurance Company, EmblemHealth Services Company, LLC, and Health Insurance Plan of Greater New York (HIP) related to health benefit plans offered by these entities. ConnectiCare, an EmblemHealth company, has also adopted this policy. All of the aforementioned entities are affiliated companies under common control of EmblemHealth Inc.

Definitions

Aldurazyme, a human α -L-iduronidase, is indicated for patients with Hurler and Hurler-Scheie forms of Mucopolysaccharidosis type I (MPS I) and in patients with the Scheie form who have moderate to severe symptoms.

Length of Authorization

Coverage will be provided for 12 months and may be renewed

Dosing Limits [Medical Benefit]

Each dose must not exceed 0.58 mg/kg administered intravenously no more frequently than once weekly.

Max Units (per dose and over time) [HCPCS Unit]:

- 667 billable units every 7 days

Guideline

I. INITIAL CRITERIA

1. Mucopolysaccharidosis Type I (Hurler Syndrome, Hurler-Scheie Syndrome, and Scheie Syndrome).

Approve if the patient meets the following criteria

- A. Patient is at least 6 months of age **AND**
- B. Documented baseline value for urinary glycosaminoglycan (uGAG) has been obtained; **AND**
- C. Documented baseline age-appropriate values for one or more of the following have been obtained:
 - i. Patients 6 years of age or greater: percent predicted forced vital capacity (FVC), 6-minute walk test (6-MWT), joint range of motion, left ventricular hypertrophy, growth, and/or quality of life (CHAQ/HAQ/MPS HAQ); **OR**
 - ii. Patients 6 months to less than 6 years of age: cardiac status, upper airway obstruction during sleep, growth velocity, mental development, FVC, and/or 6-MWT; **AND**
- D. The diagnosis is established by one of the following (i or ii):
 - i. Patient has a laboratory test demonstrating deficient α -L-iduronidase activity in leukocytes, fibroblasts, plasma, or serum; **OR**
 - ii. Patient has a molecular genetic test demonstrating α -L-iduronidase gene mutation; **AND**
- E. Aldurazyme is prescribed by or in consultation with a geneticist, endocrinologist, a metabolic disorder sub-specialist, or a physician who specializes in the treatment of lysosomal storage disorders.

II. RENEWAL CRITERIA

- A. Patient continues to meet the Initial Criteria; **AND**
- B. Absence of unacceptable toxicity from the drug. *Examples of unacceptable toxicity include: anaphylaxis and severe hypersensitivity reactions, acute respiratory complications, acute cardiorespiratory failure, severe infusion reactions, etc.*; **AND**
- C. Patient has demonstrated a beneficial response to therapy compared to pretreatment

Applicable Procedure Codes

Code	Description
J1931	Injection, laronidase, 0.1 mg

Applicable NDCs

Code	Description
58468-0070-01	Aldurazyme 2.9mg/5mL Solution

ICD-10 Diagnoses

Code	Description
E76.02	Hunter-Scheie syndrome
E76.01	Hurler's syndrome

Revision History

Company(ies)	DATE	REVISION
EmblemHealth & ConnectiCare	2/11/2025	Addition to initial criteria: A. Patient is at least 6 months of age AND B. Documented baseline value for urinary glycosaminoglycan (uGAG) has been obtained; AND C. Documented baseline age-appropriate values for one or more of the following have been obtained:i. Patients 6 years of age or greater: percent predicted forced vital capacity (FVC), 6-minute walk test (6-MWT), joint range of motion, left ventricular hypertrophy, growth, and/or

		quality of life (CHAQ/HAQ/MPS HAQ); OR ii. Patients 6 months to less than 6 years of age: cardiac status, upper airway obstruction during sleep, growth velocity, mental development, FVC, and/or 6-MWT
EmblemHealth & ConnectiCare	4/29/2024	Annual Review: Updated dosing limits, added renewal criteria
EmblemHealth & ConnectiCare	04/07/2023	Transfer from CCUM template to CoBranded Medical template Retired MG.MM.PH.303
EmblemHealth & ConnectiCare	04/06/2022	Annual Revision: no criteria changes
EmblemHealth & ConnectiCare	04/07/2021	Annual Revision: no criteria changes

References

1. Aldurazyme® intravenous infusion [prescribing information]. Novato, CA: Genzyme; December 2019.