



SmartPA Criteria Proposal

Drug/Drug Class:	Fabry Disease Clinical Edit
First Implementation Date:	May 23, 2019
Proposed Date:	April 18, 2023
Prepared for:	MO HealthNet
Prepared by:	MO HealthNet/Conduent
Criteria Status:	<input checked="" type="checkbox"/> Existing Criteria <input type="checkbox"/> Revision of Existing Criteria <input type="checkbox"/> New Criteria

Executive Summary

Purpose: Ensure appropriate utilization and control of agents for Fabry Disease

Why Issue Selected: Fabry disease is a rare, X-linked progressive genetic disorder characterized by a defective gene, galactosidase alpha gene (*GLA*), that causes a deficiency of the enzyme alpha-galactosidase A (alpha-Gal A). This enzyme is responsible for breaking down specific lipids in lysosomes, including globotriaosylceramide (GL-3). The accumulation of GL-3 in blood vessels, kidneys, heart, nerves, and other organs leads to cell damage with consequences from mild-to-severe symptoms including kidney failure, myocardial infarctions, and strokes that can be fatal. Treatment of Fabry disease primarily focuses upon replacing the missing or deficient enzyme (alpha-Gal A) with enzyme replacement therapy as well as treating the various symptoms and disease complications. Galafold®, an alpha-galactosidase A pharmacological chaperone, was FDA approved in 2018 for the treatment of adults with a confirmed diagnosis of Fabry disease and an amenable galactosidase alpha gene (*GLA*) variant, based on in vitro assay data (present in 35% to 50% of patients). Galafold binds to and stabilizes specific mutant forms of alpha-Gal A, thereby facilitating proper trafficking of the enzyme to lysosomes and increasing enzyme activity. Fabry disease affects approximately 3,000 people in the United States and has only one other current treatment option, Fabrazyme®, a weight-based intravenous infusion. Galafold is unlike Fabrazyme, an enzyme replacement therapy, in that it increases the activity of the deficient enzyme rather than replacing it and is an oral medication. There are currently four more oral medications undergoing clinical development for treatment of Fabry disease, three of which are in phase III trials.

Due to high cost and specific approved indication, MO HealthNet will impose clinical criteria to ensure appropriate utilization of agents for Fabry Disease.

Program-Specific Information:

Date Range FFS 1-1-2022 to 12-31-2022			
Drug	Claims	Spend	Avg Spend per Claim
FABRAZYME 5 MG VIAL	65	\$326,530.60	\$5,023.55
FABRAZYME 35 MG VIAL	73	\$853,565.51	\$11,692.68
GALAFOLD 123 MG CAP	6	\$165,815.55	\$27,635.93

Type of Criteria: Increased risk of ADE Preferred Drug List

Appropriate Indications

Clinical Edit

Data Sources: Only Administrative Databases

Databases + Prescriber-Supplied

Setting & Population

- Drug class for review: Agents for Fabry Disease
- Age range: All appropriate MO HealthNet participants aged 2 years or older

Approval Criteria

- Documented diagnosis of Fabry disease **AND**
- For Fabrazyme: participant is aged 2 years or older
- For Galafold:
 - Participant is aged 18 years or older **AND**
 - Documented genetic testing confirming participant has an amenable *GLA* variant **AND**
 - Claim does not exceed 14 capsules for 28 days of therapy

Denial Criteria

- Therapy will be denied if all approval criteria are not met

Required Documentation

Laboratory Results:
MedWatch Form:

Progress Notes:
Other:

Disposition of Edit

Denial: Exception code "0682" (Clinical Edit)
Rule Type: CE

Default Approval Period

6 months

References

- GALAFOLD® (migalastat) capsules [package insert]. Cranbury, NJ: Amicus Therapeutics U.S., Inc.; December 2022.
- FABRAZYME® (agalsidase beta) [package insert]. Cambridge, MA: Genzyme Corporation; March 2021.
- IPD Analytics. New Drug Approval: Galafold (migalastat). September 2018.
- IPD Analytics. Endocrine and Metabolic Agents: Fabry Disease. Accessed January 20, 2023.
- Germain DP, Hughes DA, Nicholls K, et al. Treatment of Fabry's disease with the pharmacologic chaperone migalastat. *N Engl J Med.* 2016;375(6):545-555

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