

Clinical Policy Title:	betaine
Policy Number:	RxA.087
Drug(s) Applied:	betaine
Original Policy Date:	02/07/2020
Last Review Date:	12/11/2025
Line of Business Policy Applies to:	All lines of business (except Medicare)

Criteria

I. Initial Approval Criteria

A. Homocystinuria (must meet all):

- Diagnosis of homocystinuria confirmed by one of the following (a, b, or c):
 - Cystathionine beta-synthase (CBS) deficiency;
 - 5,10-methylenetetrahydrofolate reductase (MTHFR) deficiency;
 - Cobalamin cofactor metabolism (cbl) defect,
- Prescribed by or in consultation with a metabolic or genetic disease specialist.

Approval Duration

All Lines of Business (except Medicare): 12 months

II. Continued Therapy Approval

A. Homocystinuria (must meet all):

- Member is currently receiving medication in the past 120 days that has been authorized by RxAdvance or the member has met the initial approval criteria.

Approval Duration

All Lines of Business (except Medicare): 12 months

References

- Morris AAM, Kozich V, Santra S, et al. Guidelines for the diagnosis and management of cystathionine beta-synthase deficiency. J Inherit Metab Dis 2017; 40:49-74. Available at: <https://pubmed.ncbi.nlm.nih.gov/27778219/>. Accessed March 20, 2025.
- Huemer M, Diodato D, Schwahn B, et al. Guidelines for diagnosis and management of the cobalamin-related remethylation disorders cblC, cblD, cblE, cblF, cblG, and MTHFR deficiency. J Inherit Metab Dis 2017; 40:21-48. Available at: <https://pubmed.ncbi.nlm.nih.gov/27905001/>. Accessed March 20, 2025.

Review/Revision History	Review/Revision Date	P&T Approval Date
Policy established.	01/2020	02/07/2020
No changes	04/2020	
Policy was reviewed: 1. Continuation therapy criteria II.A.1. rephrased to "Member is currently	02/05/2021	03/09/2021

This clinical policy has been developed to authorize, modify, or determine coverage for individuals with similar conditions. Specific care and treatment may vary depending on individual need and benefits covered by the plan. This policy is not intended to dictate to providers how to practice medicine, nor does it constitute a contract or guarantee regarding payment or results. This document may contain prescription brand name drugs that are trademarks of pharmaceutical manufacturers that are not affiliated with RxAdvance.

<p>receiving medication that has been authorized by RxAdvance or the member has met initial approval criteria listed in this policy</p> <ol style="list-style-type: none"> 2. Initial therapy and continued therapy approval duration updated & HIM deleted 3. References were updated 4. Updated the approval coverage duration for continuation of therapy to 12 months. 		
<p>Policy was reviewed:</p> <ol style="list-style-type: none"> 1. References were reviewed and updated. 	12/06/2021	01/17/2022
<p>Policy was reviewed:</p> <ol style="list-style-type: none"> 1. References were reviewed and updated. 	10/03/2022	01/17/2023
<p>Policy was reviewed.</p>	10/19/2023	10/19/2023
<p>Policy was reviewed:</p> <ol style="list-style-type: none"> 1. Removed dosing criteria. 2. Removed reauthorization requirement for positive response to therapy. 3. Updated the initial approval coverage duration to 12 months. 4. References were reviewed and updated. 	3/28/2024	4/1/2024
<p>Policy was reviewed:</p> <ol style="list-style-type: none"> 1. Removed prescriber criteria. 2. Updated continuation of therapy language. 	03/20/2025	04/10/2025
<p>Policy reviewed</p>	12/11/2025	12/11/2025