

Texas Prior Authorization Program
Clinical Criteria

Drug/Drug Class

Urea Cycle Disorder Agents

This criteria was recommended for review by a MCO to ensure appropriate and safe utilization.

Clinical Criteria Information included in this Document

- [Drugs requiring prior authorization](#): the list of drugs requiring prior authorization for this clinical criteria
- [Prior authorization criteria logic](#): a description of how the prior authorization request will be evaluated against the clinical criteria rules
- [Logic diagram](#): a visual depiction of the clinical criteria logic
- [Supporting tables](#): a collection of information associated with the steps within the criteria (diagnosis codes, procedure codes, and therapy codes); provided when applicable
- [References](#): clinical publications and sources relevant to this clinical criteria

Note: Click the hyperlink to navigate directly to that section.

Revision Notes

Annual review by staff

Added GCN for Pheburane (36733) to the Drugs Requiring PA table

Updated references



Urea Cycle Disorder Agents

Drugs Requiring Prior Authorization

The listed GCNs may not be an indication of Texas Medicaid Formulary coverage. To learn the current formulary coverage, visit txvendordrug.com/searches/formulary-drug-search.

| Drugs Requiring Prior Authorization | |
|-------------------------------------|-------|
| Label Name | GCN |
| BUPHENYL 500 MG TABLET | 43371 |
| BUPHENYL POWDER | 43370 |
| CARBAGLU 200 MG DISPER TABLET | 20522 |
| CARGLUMIC ACID 200 MG TAB SUSP | 20522 |
| OLPRUVA 2 GRAM DOSE ENVELOPE | 53445 |
| OLPRUVA 2 GRAM DOSE KIT | 53445 |
| OLPRUVA 2 GRAM PACKET | 53445 |
| OLPRUVA 3 GRAM DOSE ENVELOPE | 53446 |
| OLPRUVA 3 GRAM DOSE KIT | 53446 |
| OLPRUVA 3 GRAM PACKET | 53446 |
| OLPRUVA 4 GRAM DOSE ENVELOPE | 53447 |
| OLPRUVA 4 GRAM DOSE KIT | 53447 |
| OLPRUVA 5 GRAM DOSE ENVELOPE | 53448 |
| OLPRUVA 5 GRAM DOSE KIT | 53448 |
| OLPRUVA 6 GRAM DOSE ENVELOPE | 53449 |
| OLPRUVA 6 GRAM DOSE KIT | 53449 |
| OLPRUVA 6.67 GM DOSE ENVELOPE | 53452 |
| OLPRUVA 6.67 GRAM DOSE KIT | 53452 |
| PHEBURANE PELLETT | 36733 |
| RAVICTI 1.1GRAM/ML LIQUID | 34137 |

| Drugs Requiring Prior Authorization | |
|-------------------------------------|-------|
| Label Name | GCN |
| SODIUM PHENYLBUTYRATE POWDER | 43370 |
| SODIUM PHENYLBUTYRATE 500 MG TAB | 43371 |

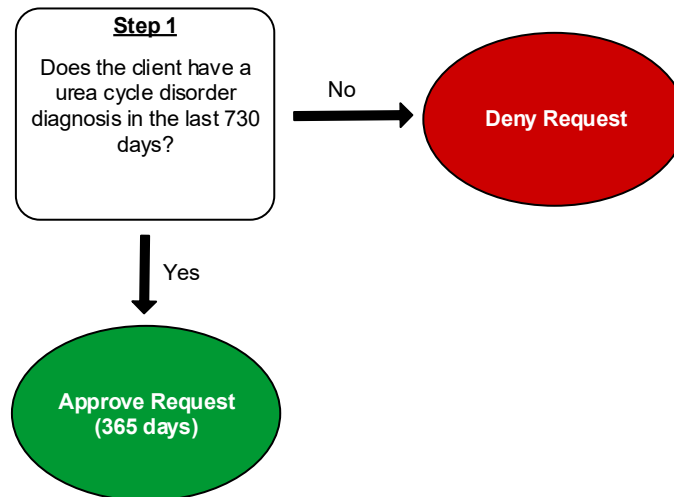
**Urea Cycle Disorder Agents****Clinical Criteria Logic**

1. Does the client have a [urea cycle disorder diagnosis](#) in the last 730 days?
[] Yes – Approve (365 days)
[] No – Deny



Urea Cycle Disorder Agents

Clinical Criteria Logic Diagram



**Urea Cycle Disorder Agents****Clinical Criteria Supporting Tables**

| Table 1 (diagnosis of urea cycle disorder) Required quantity: 1 Look back timeframe: 730 days | |
|---|--|
| ICD-10 Code | Description |
| E7220 | DISORDER OF UREA CYCLE METABOLISM |
| E7221 | ARGININEMIA |
| E7222 | ARGINOSUCCINIC ACIDURIA |
| E7223 | CITRULLINEMIA |
| E7229 | OTHER DISORDERS OF UREA CYCLE METABOLISM |
| E724 | DISORDERS OF ORNITHINE METABOLISM |

**Urea Cycle Disorder Agents****Clinical Criteria References**

1. Clinical Pharmacology [online database]. Tampa, FL: Elsevier / Gold Standard, Inc. 2025. Available at www.clinicalpharmacology.com. Accessed on August 19, 2025.
2. Drug Facts and Comparisons. eFacts [online]. 2025. Available at www.factsandcomparisons.com. Accessed on August 19, 2025.
3. 2025 ICD-10-CM Diagnosis Codes, Volume 1. 2025. Available at www.icd10data.com. Accessed on August 19, 2025.
4. Ravicti Prescribing Information. Deerfield, IL. Horizon Therapeutics. September 2025.
5. Buphenyl Prescribing Information. Lake Forest, IL. Horizon Therapeutics. March 2023.
6. Carbaglu Prescribing Information. Bridgewater, NJ. Recordati Rare Diseases, Inc. January 2024.
7. Lee B (2025). Urea cycle disorders: Management. Post TW (Ed), UpToDate. Accessed August 19, 2025.
8. Olpruva Prescribing Information. Newton, MA. Acer Therapeutics Inc. December 2022.
9. Pheburane Prescribing Information. Princeton, NJ. Medunik USA. August 2023.



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Publication History

The Publication History records the publication iterations and revisions to this document. Notes for the *most current revision* are also provided in the [Revision Notes](#) on the first page of this document.

| Publication Date | Notes |
|------------------|---|
| 04/26/2019 | <ul style="list-style-type: none"> Initial publication and presentation to the DUR Board |
| 01/12/2022 | <ul style="list-style-type: none"> Annual review by staff Updated references |
| 07/07/2023 | <ul style="list-style-type: none"> Added GCNs for Olpruva (53445, 53446, 53447, 53448, 53449, 53452) |
| 02/23/2024 | <ul style="list-style-type: none"> Annual review by staff Added GCN for carglumic acid (20522) Updated references |
| 01/17/2025 | <ul style="list-style-type: none"> Annual review by staff Updated references |
| 08/29/2025 | <ul style="list-style-type: none"> Annual review by staff Added GCN for Pheburane (36733) to the Drugs Requiring PA table Updated references |