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## Drug Quantity Management – Per Days Hereditary Angioedema – Ruconest

Table of Contents	Product Identifier(s)
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National Formulary Medical Necessity .....	1	132021
Conditions Not Covered.....	2	
Background.....	2	
References .....	2	
Revision History.....	2	

**INSTRUCTIONS FOR USE**

The following Coverage Policy applies to health benefit plans administered by Cigna Companies. Certain Cigna Companies and/or lines of business only provide utilization review services to clients and do not make coverage determinations. References to standard benefit plan language and coverage determinations do not apply to those clients. Coverage Policies are intended to provide guidance in interpreting certain standard benefit plans administered by Cigna Companies. Please note, the terms of a customer’s particular benefit plan document [Group Service Agreement, Evidence of Coverage, Certificate of Coverage, Summary Plan Description (SPD) or similar plan document] may differ significantly from the standard benefit plans upon which these Coverage Policies are based. For example, a customer’s benefit plan document may contain a specific exclusion related to a topic addressed in a Coverage Policy. In the event of a conflict, a customer’s benefit plan document always supersedes the information in the Coverage Policies. In the absence of a controlling federal or state coverage mandate, benefits are ultimately determined by the terms of the applicable benefit plan document. Coverage determinations in each specific instance require consideration of 1) the terms of the applicable benefit plan document in effect on the date of service; 2) any applicable laws/regulations; 3) any relevant collateral source materials including Coverage Policies and; 4) the specific facts of the particular situation. Coverage Policies relate exclusively to the administration of health benefit plans. Coverage Policies are not recommendations for treatment and should never be used as treatment guidelines. In certain markets, delegated vendor guidelines may be used to support medical necessity and other coverage determinations.

### National Formulary Medical Necessity

Drugs Affected

- Ruconest® (recombinant C1 esterase inhibitor intravenous infusion)

This Drug Quantity Management program has been developed to promote the safe, effective, and economic use of Ruconest. If the Drug Quantity Management rule is not met for the requested medication at the point of service, coverage will be determined by the Criteria below. All approvals are provided for the duration noted below.

**Drug Quantity Limits**

Product	Package Size	Retail Maximum Quantity per 28 Days	Home Delivery Maximum Quantity per 84 Days
Ruconest® (recombinant C1 esterase inhibitor IV infusion)	2,100 unit single-dose vials	16 vials*	48 vials*

IV – Intravenous; \* This is a quantity sufficient to treat four acute hereditary angioedema attacks in each 28-day period, assuming that the individual requires two doses in a 24-hour period to treat the attack. If an individual requires additional Ruconest doses for an additional attack, exceptions will be provided based on the criteria below.

**Cigna covers quantities as medically necessary when the following criteria are met:**

1. If the individual requires additional doses of Ruconest to treat a subsequent attack of hereditary angioedema (HAE), approve a one-time override for the requested quantity, not to exceed 4 additional single-use vials at retail or home delivery.

Note: This exception applies to an individual who has already filled a supply of Ruconest and requires additional medication for a subsequent attack before the next scheduled fill.

## Conditions Not Covered

Any other exception is considered not medically necessary.

## Background

### Overview

Ruconest, a recombinant C1 esterase inhibitor (C1-INH), is indicated for the **treatment of acute hereditary angioedema (HAE) attacks** in adults and adolescent patients.<sup>1</sup>

### Dosing

The recommended dose of Ruconest is 50 units/kg, up to a maximum dose of 4,200 units administered as a slow intravenous injection over approximately five minutes.<sup>1</sup> If the attack symptoms persist, an additional dose can be administered at the recommended dose level. Do not exceed 4,200 units per dose. No more than two doses should be administered within a 24-hour period. Of note, in the clinical trial, rescue treatment with Ruconest was administered if a patient did not experience the beginning of relief within 4 hours after the first dose. The second rescue dose was only required for 11% of Ruconest-treated patients; most patients responded to a single dose.

### Availability

Ruconest is supplied in single-use 25 mL glass vials containing 2,100 units of Ruconest as lyophilized powder for reconstitution. Each carton contains one single-use vial.<sup>1</sup>

### Guidelines

US HAE Medical Advisory Board guidelines (2020) recommend that all patients with laboratory confirmed HAE should have access to at least two standard doses of an approved on-demand medication for treatment of acute attacks.<sup>2</sup> On-demand treatment of attacks is most effective when administered early after attack onset.

## References

1. Ruconest® intravenous infusion [prescribing information]. Warren, NJ: Pharming; April 2020.
2. Busse PJ, Christiansen SC, Riedl MA, et al. US HAEA Medical Advisory Board 2020 guidelines for the management of hereditary angioedema. *J Allergy Clin Immunol Pract.* 2021 Jan;9(1):132-150.e3.

## Revision History

Type of Revision	Summary of Changes	Approval Date
New Policy	--	01/18/2023

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