



## DRUG QUANTITY MANAGEMENT POLICY – PER RX

**POLICY:** Oncology – Vitrakvi Drug Quantity Management Policy – Per Rx

- Vitrakvi® (larotrectinib capsules and oral solution – Bayer)

**REVIEW DATE:** 05/17/2023

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### **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.

## **CIGNA NATIONAL FORMULARY COVERAGE:**

### **OVERVIEW**

Vitrakvi, a kinase inhibitor, is indicated in adult and pediatric patients for the treatment of **solid tumors** that have a **neurotrophic receptor tyrosine kinase (NTRK) gene fusion**: without a known acquired resistance mutation; are metastatic or where surgical resection is likely to result in severe morbidity; have no satisfactory alternative treatments or that have progressed following treatment.<sup>1</sup>

### **Dosing**

The recommended dose of Vitrakvi in patients with a body surface area (BSA)  $\geq 1$  m<sup>2</sup> is 100 mg twice daily (BID) until disease progression or unacceptable toxicity.<sup>1</sup> For a patient with a BSA  $< 1$  m<sup>2</sup>, the recommended dose of Vitrakvi is 100 mg/m<sup>2</sup> BID. Dose adjustments to 75 mg BID, 50 mg BID, or 100 mg once daily (if BSA  $\geq 1$  m<sup>2</sup>) or 75 mg/m<sup>2</sup> BID, 50 mg/m<sup>2</sup> BID, or 25 mg/m<sup>2</sup> BID (if BSA  $< 1$  m<sup>2</sup>) may be needed to manage adverse events.

Use of Vitrakvi with strong cytochrome P450 (CYP)3A4 inhibitors or inducers should be avoided. However, if coadministration with a strong CYP3A4 inhibitor cannot be avoided, the dose of Vitrakvi should be reduced by 50%. Conversely, if coadministered with a moderate or strong CYP3A4 inducer, the dose of Vitrakvi

should be doubled. Additionally, the starting dose of Vitrakvi should be reduced by 50% in patients with moderate to severe hepatic impairment.

**Availability**

Vitrakvi is available as 25 mg and 100 mg capsules supplied in bottles of 60 capsules.<sup>1</sup> It is also available as a 20 mg/mL oral solution in 100 mL bottles.

**POLICY STATEMENT**

This Drug Quantity Management program has been developed to promote the safe, effective, and economic use of Vitrakvi. 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 1 year in duration.

**Drug Quantity Limits**

Product	Strength and Dosage Form	Retail Maximum Quantity per Rx	Home Delivery Maximum Quantity per Rx
Vitrakvi® (larotrectinib capsules and oral solution)	25 mg capsules	180 capsules	540 capsules
	100 mg capsules	60 capsules	180 capsules
	20 mg/mL (100 mL bottle)	300 mL (3 bottles)	900 mL (9 bottles)

**Oncology – Vitrakvi Drug Quantity Management Policy – Per Rx product(s) is(are) covered as medically necessary when the following criteria is(are) met. Any other exception is considered not medically necessary.**

**CRITERIA**

Vitrakvi 25 mg capsules

1. If the patient is taking a moderate or strong cytochrome P450 (CYP)3A4 inducer, approve 360 capsules per dispensing at retail or 1,080 capsules per dispensing at home delivery.

Note: Moderate/strong CYP3A inducers include, but are not limited to, apalutamide, carbamazepine, enzalutamide, mitotane, phenytoin, rifampin, St. John’s wort, bosentan, efavirenz, phenobarbital, and primidone.

Vitrakvi 100 mg capsules

1. If the patient is taking a moderate or strong cytochrome P450 (CYP)3A4 inducer, approve 120 capsules per dispensing at retail or 360 capsules per dispensing at home delivery.

Note: Moderate/strong CYP3A inducers include, but are not limited to, apalutamide, carbamazepine, enzalutamide, mitotane, phenytoin, rifampin, St. John’s wort, bosentan, efavirenz, phenobarbital, and primidone.

Vitrakvi 20 mg/mL oral solution

1. If the patient is taking a moderate or strong cytochrome P450 (CYP)3A4 inducer, approve 600 mL (6 bottles) per dispensing at retail or 1,800 mL (18 bottles) per dispensing at home delivery.

Note: Moderate/strong CYP3A inducers include, but are not limited to, apalutamide, carbamazepine, enzalutamide, mitotane, phenytoin, rifampin, St. John's wort, bosentan, efavirenz, phenobarbital, and primidone.

## REFERENCES

1. Vitrakvi® capsules and oral solution [prescribing information]. Whippany, NJ: Bayer; November 2022.

## HISTORY

Type of Revision	Summary of Changes	Review Date
New Policy	No change to existing quantity limits. Policy created to provide a new override for a patient who is taking Vitrakvi with a strong cytochrome P450 3A inducer.	05/11/2022
Annual Revision	<p>Policy was updated to reflect the existing quantity limits when a product is obtained via home delivery.</p> <p><b>Vitrakvi 25 mg capsules:</b> Override criteria were updated to approve an additional quantity if the patient is taking a moderate or strong cytochrome P450 3A4 inducer. Previously, criteria approved if the patient was taking a strong cytochrome P450 3A inducer.</p> <p><b>Vitrakvi 100 mg capsules:</b> Override criteria were updated to approve an additional quantity if the patient is taking a moderate or strong cytochrome P450 3A4 inducer. Previously, criteria approved if the patient was taking a strong cytochrome P450 3A inducer.</p> <p><b>Vitrakvi 20 mg/mL oral solution:</b> Override criteria were updated to approve an additional quantity if the patient is taking a moderate or strong cytochrome P450 3A4 inducer. Previously, criteria approved if the patient was taking a strong cytochrome P450 3A inducer.</p>	05/17/2023

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