

|              |                              |
|--------------|------------------------------|
| BILLING CODE | Must use valid NDC           |
| BENEFIT TYPE | Pharmacy                     |
|              | Home                         |
| STATUS       | Prior Authorization Required |

Imbruvica is indicated for the treatment of chronic graft-versus-host disease (cGVHD) after failure of one or more lines of systemic therapy. GVHD, a common complication following allogeneic hematopoietic stem cell transplant (HSCT), occurs in about 50% of HSCT patients. Prednisone is the mainstay of initial therapy but at least half of patients require at least 2 lines of therapy. Clinical guidelines do not come to a consensus regarding optimal 2<sup>nd</sup> line therapy but describe a variety of options.

Imbruvica is a small molecule inhibitor of Bruton's tyrosine kinase (BTK). BTK is a signaling molecule of the B-cell antigen receptor (BCR) and cytokine receptor pathways. Imbruvica can exert its effects on B cells and T cells, both of which are thought to be involved in cGVHD pathogenesis. Initial approval was based on a phase 1b/2 study of 42 adults with cGVHD after failure of first line corticosteroid therapy and requiring additional therapy. Pediatric use was evaluated in the iMAGINE study.

Imbruvica (ibrutinib) will be considered for coverage when the following criteria are met:

### Chronic Graft-Versus-Host Disease (cGVHD)

For initial authorization:

1. Member is at least 1 year of age; AND
2. Medication must be prescribed by or in consultation with a transplant or hematology/oncology specialist; AND
3. Member has a documented diagnosis of active cGVHD that is steroid-dependent or steroid-refractory; AND
4. Member does NOT have a known bleeding disorder or hemophilia.
5. **Dosage allowed/Quantity limit:**  
12 years and older: 420 mg orally once daily (until progression, recurrence of underlying malignancy, or unacceptable toxicity). QL: 28 tablets per 28 days  
1 to less than 12 years of age: 240 mg/m<sup>2</sup> orally once daily (up to 420 mg; see chart in prescribing information). QL: 2 bottles per 36 days

***If all the above requirements are met, the medication will be approved for 6 months.***

For reauthorization:

1. Chart notes must show improvement of signs and symptoms of disease in at least 1 organ/site, without progression in any other organ/site.

***If all the above requirements are met, the medication will be approved for an additional 12 months.***



## Mantle Cell Lymphoma, Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma, Waldenstrom’s Macroglobulinemia, Marginal Zone Lymphoma

Any request for cancer must be submitted through [NantHealth/Eviti](#) portal.

**CareSource considers Imbruvica (ibrutinib) not medically necessary for the treatment of conditions that are not listed in this document. For any other indication, please refer to the Off-Label policy.**

| DATE       | ACTION/DESCRIPTION  |
|------------|---|
| 10/04/2021 | New policy created for Imbruvica.   |
| 09/23/2022 | Updated age limit from 18 years to 1 year per label change; added pediatric dosing. |

### References:

1. Imbruvica [prescribing information]. Pharmacyclics LLC and Janssen Biotech, Inc.; 2022.
2. Miklos D, Cutler CS, Arora M, et al. Ibrutinib for chronic graft-versus-host disease after failure of prior therapy. *Blood*. 2017;130(21):2243-2250. doi:10.1182/blood-2017-07-793786
3. Waller EK, Miklos D, Cutler C, et al. Ibrutinib for Chronic Graft-versus-Host Disease After Failure of Prior Therapy: 1-Year Update of a Phase 1b/2 Study. *Biol Blood Marrow Transplant*. 2019;25(10):2002-2007. doi:10.1016/j.bbmt.2019.06.023
4. National Comprehensive Cancer Network. Hematopoietic Cell Transplantation (HCT): Pre-Transplant Recipient Evaluation and Management of Graft-Versus-Host Disease. (Version 5.2021). [https://www.nccn.org/professionals/physician\\_gls/pdf/hct.pdf](https://www.nccn.org/professionals/physician_gls/pdf/hct.pdf). Accessed October 4, 2021.
5. Wolff D, Fatobene G, Rocha V, Kröger N, Flowers ME. Steroid-refractory chronic graft-versus-host disease: treatment options and patient management. *Blood*. 2015;126(11):1500-1508. doi:10.1182/blood-2014-09-500055