

# Drug Policy:

## Inrebic™ (fedratinib)

<b>POLICY NUMBER</b> UM ONC_1366	<b>SUBJECT</b> Inrebic™ (fedratinib)		<b>DEPT/PROGRAM</b> UM Dept	<b>PAGE 1 of 3</b>
<b>DATES COMMITTEE REVIEWED</b> 09/11/19, 12/11/19, 04/08/20, 04/14/21, 11/15/21, 04/13/22, 05/11/22, 03/08/23	<b>APPROVAL DATE</b> March 8, 2023	<b>EFFECTIVE DATE</b> March 31, 2023	<b>COMMITTEE APPROVAL DATES</b> 09/11/19, 12/11/19, 04/08/20, 04/14/21, 11/15/21, 04/13/22, 05/11/22, 03/08/23	
<b>PRIMARY BUSINESS OWNER: UM</b>		<b>COMMITTEE/BOARD APPROVAL</b> Utilization Management Committee		
<b>URAC STANDARDS</b> HUM v8: UM 1-2; UM 2-1	<b>NCQA STANDARDS</b> UM 2		<b>ADDITIONAL AREAS OF IMPACT</b>	
<b>CMS REQUIREMENTS</b>	<b>STATE/FEDERAL REQUIREMENTS</b>		<b>APPLICABLE LINES OF BUSINESS</b> Commercial, Exchange, Medicaid	

### I. PURPOSE

To define and describe the accepted indications for Inrebic (fedratinib) usage in the treatment of cancer, including FDA approved indications, and off-label indications.

New Century Health (NCH) is responsible for processing all medication requests from network ordering providers. Medications not authorized by NCH may be deemed as not approvable and therefore not reimbursable.

The use of this drug must be supported by one of the following: FDA approved product labeling, CMS-approved compendia, National Comprehensive Cancer Network (NCCN), American Society of Clinical Oncology (ASCO) clinical guidelines, or peer-reviewed literature that meets the requirements of the CMS Medicare Benefit Policy Manual Chapter 15.

### II. INDICATIONS FOR USE/INCLUSION CRITERIA

#### A. Continuation requests for a not-approvable medication shall be exempt from this NCH policy provided:

1. The requested medication was used within the last year, **AND**
2. The member has not experienced disease progression and/or no intolerance to the requested medication, **AND**
3. Additional medication(s) are not being added to the continuation request.

#### B. Myelofibrosis (MF)

1. Inrebic (fedratinib) may be used as a single agent in a member with primary myelofibrosis or secondary myelofibrosis (e.g., post-polycythemia vera myelofibrosis, or post-essential thrombocythemia myelofibrosis) **AND** a platelet count of greater than or equal to  $50 \times 10^9/L$  prior to start of treatment **AND**
2. The member has splenomegaly **AND**
3. The member has intermediate (2 prognostic factors) or high-risk (3 or more prognostic factors) myelofibrosis. The prognostic factors include the following:
  - a. Age > 65 years
  - b. Hemoglobin < 10 g/dL
  - c. Leukocyte >  $25 \times 10^9/L$
  - d. Circulating blasts  $\geq 1\%$
  - e. Platelet count <  $100 \times 10^9/L$
  - f. RBC transfusion need
  - g. Unfavorable karyotype +8, -7/7q-, i(17q), inv(3), -5/5q-, 12p-, 11q23.
4. **NOTE: Per NCH Policy, Inrebic (fedratinib) is Not Approvable for the treatment of primary myelofibrosis or secondary myelofibrosis (e.g., post-polycythemia vera myelofibrosis, or post-essential thrombocythemia myelofibrosis); an exception can be made if the member is intolerant to/has a contraindication to/has experienced disease progression on Jakafi (Ruxolitinib). This policy position is based on the lack of level 1 evidence (randomized trial and/or meta-analyses) showing superior outcomes with Inrebic (fedratinib) over Jakafi (ruxolitinib) in the first line setting for the above-mentioned indications. Please refer to *UM ONC\_1242 Jakafi (ruxolitinib) policy*.**

### III. EXCLUSION CRITERIA

- A. Inrebic (fedratinib) use after disease progression with the same regimen.
- B. Dosing exceeds single dose limit of Inrebic (fedratinib) 400 mg.
- C. Treatment exceeds the maximum limit of 120 (100 mg) capsules/month.
- D. Investigational use of Inrebic (fedratinib) with an off-label indication that is not sufficient in evidence or is not generally accepted by the medical community. Sufficient evidence that is not supported by CMS recognized compendia or acceptable peer reviewed literature is defined as any of the following:
  1. Whether the clinical characteristics of the patient and the cancer are adequately represented in the published evidence.
  2. Whether the administered chemotherapy/biologic therapy/immune therapy/targeted therapy/other oncologic therapy regimen is adequately represented in the published evidence.
  3. Whether the reported study outcomes represent clinically meaningful outcomes experienced by patients. Generally, the definitions of Clinically Meaningful outcomes are those recommended by ASCO, e.g., Hazard Ratio of less than 0.80 and the recommended survival benefit for OS and PFS should be at least 3 months.
  4. Whether the experimental design, considering the drugs and conditions under investigation, is appropriate to address the investigative question. (For example, in some clinical studies, it may be unnecessary or not feasible to use randomization, double blind trials, placebos, or crossover).

5. That non-randomized clinical trials with a significant number of subjects may be a basis for supportive clinical evidence for determining accepted uses of drugs.
6. That case reports are generally considered uncontrolled and anecdotal information and do not provide adequate supportive clinical evidence for determining accepted uses of drugs.
7. That abstracts (including meeting abstracts) without the full article from the approved peer-reviewed journals lack supporting clinical evidence for determining accepted uses of drugs.

#### IV. MEDICATION MANAGEMENT

- A. Please refer to the FDA label/package insert for details regarding these topics.

#### V. APPROVAL AUTHORITY

- A. Review – Utilization Management Department
- B. Final Approval – Utilization Management Committee

#### VI. ATTACHMENTS

- A. None

#### VII. REFERENCES

- A. Pardanani A, et al. JAKARTA Clinical Trial. Safety and Efficacy of Fedratinib in Patients With Primary or Secondary Myelofibrosis: A Randomized Clinical Trial. JAMA Oncol. 2015 Aug;1(5):643-51.
- B. Inrebic prescribing information. Celgene Corporation. Summit, NJ 2021.
- C. Clinical Pharmacology Elsevier Gold Standard 2023.
- D. Micromedex® Healthcare Series: Micromedex Drugdex Ann Arbor, Michigan 2023.
- E. National Comprehensive Cancer Network. Cancer Guidelines and Drugs and Biologics Compendium 2023.
- F. AHFS Drug Information. American Society of Health-Systems Pharmacists or Wolters Kluwer Lexi-Drugs. Bethesda, MD 2023.
- G. Ellis LM, et al. American Society of Clinical Oncology perspective: Raising the bar for clinical trials by defining clinically meaningful outcomes. J Clin Oncol. 2014 Apr 20;32(12):1277-80.
- H. Medicare Benefit Policy Manual Chapter 15 Covered Medical and Other Health Services: <https://www.cms.gov/Regulations-and-Guidance/Guidance/Manuals/Downloads/bp102c15.pdf>.
- I. NCQA UM 2023 Standards and Elements.