

Cinvanti® (aprepitant) (Intravenous)

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I. Length of Authorization

Coverage is provided for six months and may be renewed.

II. Dosing Limits

A. Quantity Limit (max daily dose) [NDC Unit]:

- Cinvanti 130 mg single-dose vial: 1 vial per 7 days

B. Max Units (per dose and over time) [HCPCS Unit]:

- 130 billable units per 7 days

III. Initial Approval Criteria^{1,2,3,4,5}

Coverage is provided in the following conditions:

- Patient is at least 18 years of age; **AND**

Universal Criteria

- Patient is not taking pimozone concurrently; **AND**

Prevention of Chemotherapy induced Nausea and vomiting (CINV) †

- Patient is receiving highly and/or moderately emetogenic chemotherapy (see HEC/MEC list below); **AND**
- Must be used in combination with a 5-HT₃ antagonist such as ondansetron, granisetron, palonosetron, etc.; **AND**
- Must be used in combination with a corticosteroid such as dexamethasone

Highly Emetogenic Chemotherapy (HEC)			
Carboplatin	Carmustine	Cisplatin	Cyclophosphamide
Dacarbazine	Doxorubicin	Epirubicin	Ifosfamide

Mechlorethamine	Streptozocin	Melphalan	Sacituzumab govitecan
The following chemotherapy can be considered HEC in certain patients:			
Dactinomycin	Irinotecan	Oxaliplatin	Methotrexate $\geq 250\text{mg}/\text{m}^2$
Daunorubicin	Trabectedin	Idarubicin	
Moderately Emetogenic Chemotherapy (MEC)			
Aldesleukin >12-15 million IU/m ²	Amifostine >300mg/m ²	Azacitidine	Bendamustine
Busulfan	Clofarabine	Cytarabine >200mg/m ²	Daunorubicin Liposomal; Cytarabine Liposomal
Dinutuximab	Fam-trastuzumab deruxtecan	Irinotecan Liposomal	Lurbinectedin
Temozolomide	Amivantamab-vmjw	Naxitamab-gqgk	Romidepsin
The following regimens can be considered HEC			
FOLFOX	FOLFIRI	FOLFIRINOX; FOLFOXIRI	AC (any anthracycline + cyclophosphamide)

† FDA-approved indication(s)

IV. Renewal Criteria ^{1,2,3}

Coverage can be renewed based upon the following criteria:

- Patient continues to meet universal and other indication-specific relevant criteria such as concomitant therapy requirements (not including prerequisite therapy), performance status, etc. identified in section III; **AND**; **AND**
- Disease response; **AND**
- Absence of unacceptable toxicity from the drug. Examples of unacceptable toxicity include the following: severe hypersensitivity reactions, etc.

V. Dosage/Administration

Indication	Dose
Prevention of chemotherapy-induced nausea and vomiting	Administer as either a 30 minute infusion or 2 minute injection
	<u>HEC (Single Dose Regimen)</u>
	– 130 mg intravenously (IV) Day 1 approximately 30 minutes prior to chemotherapy
	<u>MEC (3-Day Regimen with oral aprepitant)</u>
	– 100 mg IV Day 1 approximately 30 minutes prior to chemotherapy followed by oral aprepitant (80mg) on Days 2 and 3.
	<u>MEC (Single-dose Regimen)</u>
	– 130 mg IV Day 1 approximately 30 minutes prior to chemotherapy

VI. Billing Code/Availability Information

HCPCS code:

- J0185 – Injection, aprepitant, 1 mg; 1 billable unit = 1 mg

NDC:

- Cinvanti 130 mg/18 mL injectable emulsion single-dose vial: 47426-0201-xx

VII. References

1. Cinvanti [package insert]. San Diego, CA; Heron Therapeutics; October 2019. Accessed February 2022.
2. Referenced with permission from the NCCN Drugs & Biologics Compendium (NCCN Compendium®) for Aprepitant. National Comprehensive Cancer Network, 2022. The NCCN Compendium® is a derivative work of the NCCN Guidelines®. NATIONAL COMPREHENSIVE CANCER NETWORK®, NCCN®, and NCCN GUIDELINES® are trademarks owned by the National Comprehensive Cancer Network, Inc.” To view the most recent and complete version of the Compendium, go online to NCCN.org. February 2022.
3. Referenced with permission from the NCCN Drugs & Biologics Compendium (NCCN Compendium®) Antiemesis. Version 1.2022. National Comprehensive Cancer Network, 2020. The NCCN Compendium® is a derivative work of the NCCN Guidelines®. NATIONAL COMPREHENSIVE CANCER NETWORK®, NCCN®, and NCCN GUIDELINES® are trademarks owned by the National Comprehensive Cancer Network, Inc.” To view the most recent and complete version of the Compendium, go online to NCCN.org. Accessed February 2022.
4. Roila F, Molassiotis A, Herrstedt J, et al. MASCC and ESMO Consensus Guidelines for the Prevention of Chemotherapy and Radiotherapy-Induced Nausea and Vomiting: ESMO Clinical Practice Guidelines. Ann Oncol (2016) 27 (suppl 5): v119-v133.
5. Hesketh PJ, Kris MG, Basch E, et al. Antiemetics: American Society of Clinical Oncology Clinical Practice Guideline Update. J Clin Oncol. 2017 Oct 1;35(28):3240-3261.

Appendix 1 – Covered Diagnosis Codes

ICD-10	ICD-10 Description
R11.0	Nausea
R11.10	Vomiting, unspecified
R11.11	Vomiting without nausea
R11.12	Projectile vomiting
R11.2	Nausea with vomiting, unspecified
T45.1X5A	Adverse effect of antineoplastic and immunosuppressive drugs, initial encounter
T45.1X5S	Adverse effect of antineoplastic and immunosuppressive drugs, sequela

ICD-10	ICD-10 Description
T45.95XA	Adverse effect of unspecified primarily systemic and hematological agent, initial encounter
T50.905A	Adverse effect of unspecified drugs, medicaments and biological substances, initial encounter
Z51.11	Encounter for antineoplastic chemotherapy
Z51.12	Encounter for antineoplastic immunotherapy

Appendix 2 – Centers for Medicare and Medicaid Services (CMS)

Medicare coverage for outpatient (Part B) drugs is outlined in the Medicare Benefit Policy Manual (Pub. 100-2), Chapter 15, §50 Drugs and Biologicals. In addition, National Coverage Determination (NCD), Local Coverage Determinations (LCDs) and Local Coverage Articles (LCAs) may exist and compliance with these policies is required where applicable. They can be found at: <http://www.cms.gov/medicare-coverage-database/search/advanced-search.aspx>. Additional indications may be covered at the discretion of the health plan.

Medicare Part B Covered Diagnosis Codes (applicable to existing NCD/LCD/LCA): N/A

Medicare Part B Administrative Contractor (MAC) Jurisdictions		
Jurisdiction	Applicable State/US Territory	Contractor
E (1)	CA, HI, NV, AS, GU, CNMI	Noridian Healthcare Solutions, LLC
F (2 & 3)	AK, WA, OR, ID, ND, SD, MT, WY, UT, AZ	Noridian Healthcare Solutions, LLC
5	KS, NE, IA, MO	Wisconsin Physicians Service Insurance Corp (WPS)
6	MN, WI, IL	National Government Services, Inc. (NGS)
H (4 & 7)	LA, AR, MS, TX, OK, CO, NM	Novitas Solutions, Inc.
8	MI, IN	Wisconsin Physicians Service Insurance Corp (WPS)
N (9)	FL, PR, VI	First Coast Service Options, Inc.
J (10)	TN, GA, AL	Palmetto GBA, LLC
M (11)	NC, SC, WV, VA (excluding below)	Palmetto GBA, LLC
L (12)	DE, MD, PA, NJ, DC (includes Arlington & Fairfax counties and the city of Alexandria in VA)	Novitas Solutions, Inc.
K (13 & 14)	NY, CT, MA, RI, VT, ME, NH	National Government Services, Inc. (NGS)
15	KY, OH	CGS Administrators, LLC