

Cinvanti® (aprepitant)

(Intravenous)

Document Number: IC-0336

Last Review Date: 10/03/2023 Date of Origin: 11/21/2017

Dates Reviewed: 11/2017, 02/2018, 05/2018, 04/2019, 04/2020, 04/2021, 04/2022, 04/2023, 10/2023

I. Length of Authorization

Coverage is provided for 6 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

Coverage is provided in the following conditions:

Patient is at least 18 years of age; AND

Universal Criteria 1

- Patient is not taking pimozide concurrently; **AND**
- Patient must have failed or experienced intolerable side effects to a fosaprepitant product (e.g., Emend, Fosaprepitant, Focinvez, etc.) prior to consideration of Cinvanti; **AND**

Prevention of Chemotherapy induced Nausea and vomiting (CINV) † 1-5

- Patient is receiving highly and/or moderately emetogenic chemotherapy (see HEC/MEC list below);
- 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	Fam-trastuzumab deruxtecan-nxki
Ifosfamide	Mechlorethamine	Melphalan ≥140 mg/m²	Sacituzumab govitecan- hziy
Streptozocin			
	The following can be consi	dered HEC in certain patient	s
Dactinomycin	Daunorubicin	Idarubicin	Irinotecan
Methotrexate ≥250mg/m²	Oxaliplatin	Trabectedin	
	Moderately Emetoger	nic Chemotherapy (MEC)	
Aldesleukin >12-15 million IU/m²	Amifostine >300mg/m ²	Bendamustine	Busulfan
Clofarabine	Cytarabine >200mg/m ²	Dinutuximab	Dual-drug liposomal encapsulation of cytarabine and daunorubicin
Irinotecan Liposomal	Lurbinectedin	Melphalan <140 mg/m²	Naxitamab-gqgk
Romidepsin	Temozolomide		
	The following regimer	s can be considered HEC	
FOLFOX	FOLFIRI	FOLFIRINOX; FOLFOXIRI	AC (any anthracycline + cyclophosphamide)

† FDA-Approved Indication(s); ‡ Compendia Recommended Indication(s); ♠ Orphan Drug

Renewal Criteria 1 IV.

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: severe hypersensitivity reactions, etc.

Dosage/Administration ¹ ٧.

Indication	Dose
Prevention of	Administer as either a 30 minute infusion or 2 minute injection
chemotherapy-	HEC (Single Dose Regimen)



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induced nausea	- 130 mg intravenously (IV) on Day 1 approximately 30 minutes prior to	
and vomiting	chemotherapy	
	MEC (3-Day Regimen with oral aprepitant)	
	 100 mg IV on Day 1 approximately 30 minutes prior to chemotherapy followed by oral aprepitant (80mg) on Days 2 and 3. 	
	MEC (Single-dose Regimen)	
	- 130 mg IV on 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; March 2022. Accessed March 2023.
- 2. Referenced with permission from the NCCN Drugs & Biologics Compendium (NCCN Compendium®) for Aprepitant. National Comprehensive Cancer Network, 2023. 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. March 2023.
- 3. Referenced with permission from the NCCN Drugs & Biologics Compendium (NCCN Compendium[®]) Antiemesis. Version 1.2023. National Comprehensive Cancer Network, 2023. 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 March 2023.
- 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 Guideline Update. J Clin Oncol. 2020 Aug 20;38(24):2782-2797. Doi: 10.1200/JCO.20.01296.



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
T45.1X5D	Adverse effect of antineoplastic and immunosuppressive drugs, subsequent encounter
T45.1X5S	Adverse effect of antineoplastic and immunosuppressive drugs, sequela
T45.95XA	Adverse effect of unspecified primarily systemic and hematological agent, initial encounter
T45.95XD	Adverse effect of unspecified primarily systemic and hematological agent, subsequent encounter
T45.95XS	Adverse effect of unspecified primarily systemic and hematological agent, sequela
T50.905A	Adverse effect of unspecified drugs, medicaments and biological substances, initial encounter
T50.905D	Adverse effect of unspecified drugs, medicaments and biological substances, subsequent encounter
T50.905S	Adverse effect of unspecified drugs, medicaments and biological substances, sequela
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: https://www.cms.gov/medicare-coverage-database/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		



Medicare Part B Administrative Contractor (MAC) Jurisdictions			
Jurisdiction	Applicable State/US Territory	Contractor	
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	



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You can also file a civil rights complaint with the U.S. Department of Health and Human Services, Office for Civil Rights, electronically through the Office for Civil Rights Complaint Portal, available at https://ocrportal.hhs.gov/ocr/portal/lobby.jsf, or by mail or phone at:

U.S. Department of Health and Human Services 200 Independence Avenue, SW Room 509F, HHH Building Washington, D.C. 20201 1-800-368-1019, 800-537-7697 (TDD)

Complaint forms are available at http://www.hhs.gov/ocr/office/file/index.html.

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