

16.2 Prevention of Nausea and Vomiting Associated with MEC in Adults

In a randomized, parallel, double-blind, active-comparator-controlled study, Fosaprepitant for injection 150 mg as a single intravenous infusion (N=562) in combination with ondansetron and dexamethasone (Fosaprepitant/dexamethasone regimen) was compared with ondansetron and dexamethasone alone (ondansetron/dexamethasone regimen) in patients receiving a MEC regimen. Patient demographics were similar between the two treatment groups. Of the total 1020 patients included in the efficacy analysis, 17% were men, 83% were women. Adults < 18 years of age included 27% black, 57% white, 16% Hispanic/Latino ethnicity. Patient ages ranged from 23 to 88 years of age, with a mean age of 60 years. The most commonly administered MEC chemotherapy regimens were capecitabine (57%), oxaliplatin (24%), and cyclophosphamide (12%).

Table 13 Treatment Regimens in Adult MEC Trial

Treatment Regimen	Day 1	Day 2	Day 3
Fosaprepitant for Injection	150 mg intravenously over 30 to 60 minutes approximately 30 minutes prior to chemotherapy	none	none
OND/dexamethasone*	12 mg	none	none
OND/dexamethasone†	8 mg for 2 doses	none	none
ondansetron	none	none	none
OND/dexamethasone	12 mg	none	none
OND/dexamethasone†	8 mg for 2 doses	8 mg twice daily	8 mg twice daily

*Fosaprepitant for injection and dexamethasone placebo (on Day 3) were used to maintain blinding.
†Dexamethasone was administered 30 minutes prior to chemotherapy treatment on Day 1. The 12 mg dose after a change adjustment to account for drug interaction with the Fosaprepitant for injection regimen (see Clinical Pharmacology (12.3)).

The first ondansetron dose was administered 30 to 60 minutes prior to chemotherapy treatment on Day 1 and the second dose was administered 8 hours after first administration.
The primary endpoint was complete response (defined as no vomiting and no rescue therapy) in the intent-to-treat (ITT) population of chemotherapy-related nausea and vomiting. The results by treatment group are shown in Table 14.

Table 14 Percent of Adult Patients Reporting MEC Responding by Treatment Group

ENDPOINTS	Fosaprepitant for Injection Regimen (N=562) %	Standard Therapy Regimen (N=458) %	P-Value	Treatment Difference (95% CI)
PRIMARY ENDPOINT				
Complete Response†	79.9	68.5	<0.001	11.4 (9.1, 13.7)
Delayed phase‡				

*% Number of patients included in the intention to treat population.
†Complete Response = no vomiting and no use of rescue therapy.
‡Delayed phase = 25 to 120 hours post-initiation of chemotherapy.

16 HOW SUPPLIED/STORAGE AND HANDLING

Nx120 —Single-dose glass vial containing 150 mg of fosaprepitant as a white to off-white lyophilized cake or powder for reconstitution. Supplied as follows:

NDC 5874-120-011 (30 vials/carton)

17 PATIENT COUNSELING INFORMATION

Advise the patient to read the FDA-approved patient labeling (Patient Information).

Hypersensitivity

Advise patients of hypersensitivity reactions, including anaphylaxis and anaphylactic shock, have occurred in patients taking fosaprepitant. Advise patients to seek immediate medical attention if they experience signs or symptoms of a hypersensitivity reaction, such as hives, rash and itching, wheezing or sore throat, feeling difficulty breathing, swelling, or dizziness, rapid or weak heartbeat or feeling faint (see warnings and precautions (5.2)).

Infants and Children

Advise patients to seek medical attention if they experience new or worsening signs or symptoms of an infection (see risks, 6.1), or symptoms, such as, nausea, vomiting, or fever/dysphagia or as per the infection use (see Warnings and Precautions (5.3)).

Drug Interactions

Advise patients to discuss all medications they are taking, including other prescription, non-prescription medication or herbal products (see Contraindications (4), Warnings and Precautions (5.1)) before use.

Intravenous patients should be monitored to follow for reactions from their health care provider regarding blood draw to receive their IV during the 3-week period, particularly at 7 to 10 days, following administration of fosaprepitant and ondansetron (see Warnings and Precautions (5.4)).

Hormonal Contraception

Advise patients that administration of fosaprepitant may reduce the efficacy of hormonal contraceptives. Instruct patients to use effective alternative or back-up methods of contraception (such as condoms and spermicide) during treatment with fosaprepitant and for 1 month following administration of fosaprepitant (see Warnings and Precautions (5.5) for specific Population (8.3)).

Mfg. for: Neuhart Rx LLC
Memphis, TN 38141
Mfg. by: MNN Laboratories, Pw. Ltd.
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Innov 1119

Patient Information

Fosaprepitant (FOSAPREP) for Injection

Read this patient information before you start receiving fosaprepitant for injection and each time you are administered this medication. This information does not take the place of talking with your healthcare provider about your medical condition or treatment.

For more information, please call 1-800-368-7683. You may also visit our website at www.fosaprepitant.com.
This information does not take the place of talking with your healthcare provider about your medical condition or treatment.

What is Fosaprepitant for Injection?

Fosaprepitant for injection is a prescription medication used with other medications that treat nausea and vomiting in patients 18 years of age and older to prevent nausea and vomiting caused by certain anticancer (chemotherapy) medicines.

Fosaprepitant for injection is not used to treat nausea and vomiting that you already have.
It is not known if fosaprepitant for injection is safe and effective in children less than 6 months of age.

Who should not receive fosaprepitant for injection?

Do not receive fosaprepitant for injection if you are allergic to fosaprepitant, ondansetron, or any of the ingredients in fosaprepitant for injection (see What you should know before you start receiving fosaprepitant for injection (5.1)).

What should I tell my healthcare provider before receiving fosaprepitant for injection?

Before receiving fosaprepitant for injection, tell your healthcare provider if you:

have liver problems
are pregnant or plan to become pregnant. It is not known if fosaprepitant for injection can harm your unborn child.
Women who use both oral contraceptives containing hormones to prevent pregnancy (birth control pills), vaginal rings, or certain IUDs should use an alternative method of birth control that does not contain hormones, such as condoms and spermicide, during treatment with fosaprepitant for injection and for 1 month after receiving fosaprepitant for injection.

are breastfeeding or plan to breastfeed. It is not known if fosaprepitant for injection passes into your breast milk. Tell your healthcare provider about the best way to safely feed your baby if you receive fosaprepitant for injection.

Take your healthcare provider about all medications you take, including prescription and over-the-counter medications, vitamins, and herbal supplements. Fosaprepitant for injection may affect the way other medicines work, and other medicines may affect how fosaprepitant for injection works, causing serious side effects. Show the medicines you take. Keep a list of them to show your healthcare provider or pharmacist when you get new medicines.

How will I receive fosaprepitant for injection?

Adults 18 years of age and older who are pregnant for injection will be given one 150 mg dose of fosaprepitant for injection as a single intravenous (IV) infusion in your vein about 30 to 60 minutes before you start your chemotherapy treatment. If you take the blood thinner medicine warfarin (Coumadin®/ECCOMADAN®/JANTOVEN®), your healthcare provider may draw blood once after you receive fosaprepitant for injection to check your blood clotting.

What are the possible side effects of fosaprepitant for injection?

Fosaprepitant for injection may cause serious side effects, including:

Serious allergic reactions. Allergic reactions can happen with fosaprepitant for injection and may be serious. Tell your doctor or nurse right away if you have hives, rash, itching, swelling, or redness of face and/or other symptoms or reactions. Symptoms of allergic reactions may include: difficulty breathing, wheezing, or other symptoms you receive (see What you should know before you start receiving fosaprepitant for injection (5.1)).

Serious side reactions, which may include such as, nausea, vomiting, and other infection-like reactions (SIR) or near the infection site have happened with fosaprepitant for injection. Most serious SIR have happened with a category of chemotherapy medicine that can harm or hinder your heart and with side effects, including pain, swelling, and redness. Death of skin tissue (necrosis) has happened in some people getting this type of chemotherapy medicine. Ask your doctor about the risks of these side effects and what you should do if you experience them. Tell your healthcare provider right away if you get these serious side effects.

In adults, the most common side effects of fosaprepitant for injection include:

nausea
dizziness
low white blood cell and red blood cell counts
vomiting
infection

Swelling (may be numb) in your arms and legs
painful, difficult, or changes in your digestion (diarrhea)
urinary tract infection
pain in your nose and throat

Tell your healthcare provider if you have any side effects that bother you or that does not go away. There are not all of the possible side effects of fosaprepitant for injection. For more information ask your healthcare provider or pharmacist.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

General information about the safe and effective use of fosaprepitant for injection?

If you would like more information about fosaprepitant for injection, talk with your healthcare provider. You can ask your healthcare provider or pharmacist for information about fosaprepitant for injection that is written for health professionals. For more information about fosaprepitant for injection, call 1-800-368-7683.

What are the ingredients in fosaprepitant for injection?

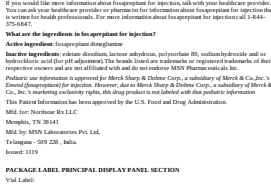
Active ingredients: fosaprepitant dimesylate
Inactive ingredients: calcium chloride, lactose monohydrate, polyoxone 18, sodium hydroxide and/or hydrochloric acid, and five (5) other ingredients. The brand name is a trademark or registered trademark of its respective owners and is not affiliated with and is not endorsed by MNN Pharmaceuticals Inc.

Patients are not allergic to fosaprepitant for injection. However, due to Merck Sharp & Dohme Corp., a subsidiary of Merck & Co., Inc.'s marketing exclusivity rights, this drug product is not identical with the generic information.

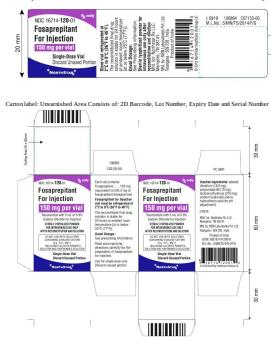
This Patient Information has been approved by the U.S. Food and Drug Administration.
Mfg. for: Neuhart Rx LLC
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Mfg. by: MNN Laboratories, Pw. Ltd.
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PACKAGING, PRINCIPAL DISPLAY PANEL SECTION

Vial Label:



Content Label: Unlabeled Box Contents of 30 Vials, Lot Number, Expiry Date and Serial Number



FOSAPREPITANT			
Fosaprepitant injection, powder, lyophilized, for solution			
Product Information			
Product Type	Human Prescription Drug	New Active Ingredient	NDC 5874-120-011
Route of Administration	INTRAVENOUS		
Active Ingredient/Active Moiety			
Ingredient Name	Route of Strength	Strength	
Fosaprepitant Dimesylate (FOSAPREPITANT) Dimesylate	Fosaprepitant	150 mg, 0.5 g, 1.5 g	
Inactive Ingredients			
Ingredient Name	Strength	Strength	
Calcium Chloride (150 mg/0.5 mL) (150 mg/1.5 mL)	0.5 g, 1.5 g, 4.5 g		
Hydrochloric Acid (150 mg/0.5 mL)	0.5 g, 1.5 g, 4.5 g		
Sodium Hydroxide (150 mg/0.5 mL)	0.5 g, 1.5 g, 4.5 g		
Water for Injection (150 mg/0.5 mL)	0.5 g, 1.5 g, 4.5 g		

Product Name: 00000000000000000000		7/20/2018	
Product Manufacturer: 00000000000000000000			
Product Description: 00000000000000000000			
Packaging			
1. Package Code:	Package Description:	Marketing Start Date:	Marketing End Date:
00000000000000000000	00000000000000000000	00000000	
2. Item Code: 00000000000000000000			
3. Item Description: 00000000000000000000			
4. Item Code: 00000000000000000000			
5. Item Description: 00000000000000000000			
Marketing Information			
Marketing Company:	Marketing Number or Designation:	Marketing Start Date:	Marketing End Date:
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Labels			
Label Code: 00000000000000000000			
Labels			
Label Code:	Label Description:	Marketing Start Date:	Marketing End Date:
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