

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use Oxaliplatin Injection safely and effectively. See full prescribing information for Oxaliplatin Injection.

Oxaliplatin Injection, Solution, Concentrate for Intravenous use

Initial U.S. Approval: 2002

WARNING: ANAPHYLACTIC REACTIONS
See full prescribing information for complete boxed warning.
Anaphylactic reactions to Oxaliplatin Injection have been reported, and may occur within minutes of Oxaliplatin Injection administration. Epinephrine, corticosteroids, and antihistamines have been employed to alleviate symptoms. (5.1)

INDICATIONS AND USAGE
Oxaliplatin Injection is a platinum-based drug used in combination with infusional 5-fluorouracil/leucovorin for the treatment of colorectal cancer.
• adjuvant treatment of stage III colon cancer in patients who have undergone complete resection of the primary tumor.
• treatment of advanced colorectal cancer.
DOSE AND ADMINISTRATION
• Administer Oxaliplatin Injection in combination with 5-fluorouracil/leucovorin every 2 weeks. (2.1)
• Day 1: Oxaliplatin Injection 85 mg/m² intravenous infusion in 250-500 mL 5% Dextrose Injection, USP and leucovorin 200 mg/m² intravenous infusion in 5% Dextrose Injection, USP both given over 120 minutes at the same time in separate bags using a Y-line, followed by 5-fluorouracil 400 mg/m² intravenous bolus given over 2-4 minutes, followed by 5-fluorouracil 600 mg/m² intravenous infusion in 500 mL 5% Dextrose Injection, USP (recommended) as a 22-hour continuous infusion.
• Day 2: Leucovorin 200 mg/m² intravenous infusion over 120 minutes, followed by 5-fluorouracil 400 mg/m² intravenous bolus given over 2-4 minutes, followed by 5-fluorouracil 600 mg/m² intravenous infusion in 500 mL 5% Dextrose Injection, USP (recommended) as a 22-hour continuous infusion.
• Reduce the dose of Oxaliplatin Injection to 75 mg/m² (adjuvant setting) or 65 mg/m² (advanced colorectal cancer) (2.2).

FULL PRESCRIBING INFORMATION: CONTENTS

WARNING: ANAPHYLACTIC REACTIONS
Anaphylactic reactions to Oxaliplatin Injection have been reported, and may occur within minutes of Oxaliplatin Injection administration. Epinephrine, corticosteroids, and antihistamines have been employed to alleviate symptoms of anaphylaxis. See full prescribing information for complete boxed warning. (5.1)

1 INDICATIONS AND USAGE
Oxaliplatin Injection, used in combination with infusional 5-fluorouracil/leucovorin, is indicated for:
• adjuvant treatment of stage III colon cancer in patients who have undergone complete resection of the primary tumor.
• treatment of advanced colorectal cancer.

2 DOSE AND ADMINISTRATION
Oxaliplatin Injection should be administered under the supervision of a qualified physician experienced in the use of cancer chemotherapeutic agents. Appropriate management of therapy and complications is possible only when adequate diagnostic and treatment facilities are readily available.

2.1 Dosage
Administer Oxaliplatin Injection in combination with 5-fluorouracil/leucovorin every 2 weeks. For advanced disease, treatment is recommended until disease progression or unacceptable toxicity. For adjuvant use, treatment is recommended for a total of 6 months (12 cycles).

2.2 Dose Modification Recommendations
Day 1: Oxaliplatin Injection 85 mg/m² intravenous infusion in 250-500 mL 5% Dextrose Injection, USP and leucovorin 200 mg/m² intravenous infusion in 5% Dextrose Injection, USP both given over 120 minutes at the same time in separate bags using a Y-line, followed by 5-fluorouracil 400 mg/m² intravenous bolus given over 2-4 minutes, followed by 5-fluorouracil 600 mg/m² intravenous infusion in 500 mL 5% Dextrose Injection, USP (recommended) as a 22-hour continuous infusion.
Day 2: Leucovorin 200 mg/m² intravenous infusion over 120 minutes, followed by 5-fluorouracil 400 mg/m² intravenous bolus given over 2-4 minutes, followed by 5-fluorouracil 600 mg/m² intravenous infusion in 500 mL 5% Dextrose Injection, USP (recommended) as a 22-hour continuous infusion.

Figure 1

The administration of Oxaliplatin Injection does not require prehydration. Premedication with antileukemics, including 5-HT₃ blockers with or without dexamethasone, is recommended.

For information on 5-fluorouracil and leucovorin, see the respective package inserts.

2.2 Dose Modification Recommendations
Prior to subsequent therapy cycles, patients should be evaluated for clinical toxicities and recommended laboratory tests (see **Warnings and Precautions** (5.6)). Prolongation of infusion time for Oxaliplatin Injection from 2 hours to 6 hours may mitigate acute toxicity. The infusion times for 5-fluorouracil and leucovorin do not need to be changed.

Adjuvant Therapy in Patients with Stage III Colon Cancer
Patients and other toxicities were graded using the NCI CTC scale version 1 (see **Warnings and Precautions** (5.7)). Other toxicities were graded by the NCI CTC, Version 2.0.

For patients who experience persistent Grade 2 neurosensory events that do not resolve, a dose reduction of Oxaliplatin Injection to 75 mg/m² should be considered. For patients with persistent Grade 3 neurosensory events, discontinuing therapy should be considered. The infusional 5-fluorouracil/leucovorin regimen need not be altered.

A dose reduction of Oxaliplatin Injection to 65 mg/m² and 5-fluorouracil to 300 mg/m² bolus and 500 mg/m² 22-hour infusion is recommended for patients after recovery from Grade 3/4 gastrointestinal (despite prophylactic treatment) or Grade 4 neutropenia or Grade 3/4 thrombocytopenia. The next dose should be delayed until: neutrophils $\geq 1.5 \times 10^9/L$ and platelets $\geq 75 \times 10^9/L$.

Dose Modifications in Therapy in Previously Untreated and Previously Treated Patients with Advanced Colorectal Cancer
Neurotoxicity was graded using a study-specific neurotoxicity scale (see **Warnings and Precautions** (5.7)). Other toxicities were graded by the NCI CTC, Version 2.0.

For patients who experience persistent Grade 2 neurosensory events that do not resolve, a dose reduction of Oxaliplatin Injection to 65 mg/m² should be considered. For patients with persistent Grade 3 neurosensory events, discontinuing therapy should be considered. The 5-fluorouracil/leucovorin regimen need not be altered.

A dose reduction of Oxaliplatin Injection to 65 mg/m² and 5-fluorouracil to 300 mg/m² bolus and 500 mg/m² 22-hour infusion is recommended for patients after recovery from Grade 3/4 gastrointestinal (despite prophylactic treatment) or Grade 4 neutropenia or Grade 3/4 thrombocytopenia. The next dose should be delayed until: neutrophils $\geq 1.5 \times 10^9/L$ and platelets $\geq 75 \times 10^9/L$.

2.3 Preparation of Infusion Solution
Do not freeze and do not use the concentrated solution from light.

A final dilution must never be performed with a sodium chloride solution or other chloride-containing solutions.
The solution must be further diluted in an infusion solution of 250-500 mL of 5% Dextrose Injection, USP.

After dilution with 250-500 mL of 5% Dextrose Injection, USP, the shelf life is 6 hours at room temperature [20-25°C (68-77°F)] or up to 24 hours under refrigeration [2-8°C (36-46°F)]. After final dilution, protection from light is not required.

Oxaliplatin Injection is incompatible in solution with alkaline medications or media (such as basic solutions of 5-fluorouracil) and must not be mixed with these or administered simultaneously through the same infusion line. The infusion line should be flushed with 5% Dextrose Injection, USP prior to administration of any concomitant medication.

Parenteral drug products should be inspected visually for particulate matter and discoloration prior to administration and discarded if present.

Needles or intravenous administration sets containing aluminum parts that may come in contact with Oxaliplatin Injection should not be used for the preparation or mixing of the drug. Aluminum has been reported to cause degradation of platinum.

3 DOSE FORMS AND STRENGTHS
Oxaliplatin Injection is supplied in single-use vials containing 50 mg or 100 mg of oxaliplatin as a sterile, preservative-free, aqueous solution at a concentration of 5 mg/mL.

4 CONTRAINDICATIONS
Oxaliplatin Injection should not be administered to patients with a history of known allergy to Oxaliplatin Injection or other platinum compounds (see **Warnings and Precautions** (5.7)).

5 WARNINGS AND PRECAUTIONS

5.1 Allergic Reactions
See Boxed Warning.
Grade 3 hypersensitivity, including anaphylactic/anaphylactoid reactions, to Oxaliplatin Injection has been observed in 3% of colon cancer patients. These allergic reactions can be fatal, can occur within minutes of administration and at any cycle, and were similar in nature and severity to those reported with other platinum-containing compounds, such as urticaria, erythema, pruritus, and, rarely, bronchospasm and hypotension. The symptoms associated with hypersensitivity reactions reported in the previously untreated patients were urticaria, pruritus, flushing of the face, diarrhea associated with oxaliplatin infusion, shortness of breath, bronchospasm, dyspnea, chest pains, hypotension, dizziness and syncope. These reactions are usually managed with standard epinephrine, corticosteroids, antihistamine therapy, and may require discontinuation of therapy. Drug-related deaths associated with platinum compounds from anaphylaxis have been reported.

5.2 Neurotoxicity
Oxaliplatin Injection is associated with two types of neurotoxicity:
• An acute, reversible, primarily peripheral sensory neurotoxicity that is of early onset, occurring within hours or one to two days of dosing, that resolves within 14 days, and that frequently recurs with further dosing. The symptoms may be precipitated or exacerbated by exposure to cold temperature or cold objects and they usually present as transient paresthesia, dysesthesia and hypoesthesia in the hands, feet, perioral area, or throat. Jaw spasm, abnormal tongue sensation, dysarthria, eye pain, and a feeling of chest pressure have also been reported. The acute, reversible nature of sensory neurotoxicity was observed in about 56% of study patients who received Oxaliplatin Injection with 5-fluorouracil/leucovorin. In any individual cycle, acute neurotoxicity was observed in 12% of patients receiving Oxaliplatin Injection with 5-fluorouracil/leucovorin. In the adjuvant setting, the median cycle of onset for Grade 3 peripheral sensory neurotoxicity was 9 in the previously treated patients, the median number of cycles administered on the Oxaliplatin Injection with 5-fluorouracil/leucovorin combination arm was 5.
• An acute syndrome of pharyngolaryngeal dysesthesia seen in 1-2% (Grade 3/4) of patients previously untreated for advanced colorectal cancer, and the previously treated patients, is characterized by subjective sensations of dysphagia or dysphagia without dysphagia or bronchospasm (no stridor or wheezing). Ice (mucositis prophylaxis) should be avoided during the infusion of Oxaliplatin Injection because cold temperature can exacerbate acute neurotoxicity.
A persistent (>14 days), primarily peripheral, sensory neurotoxicity that is usually characterized by paresthesias, dysesthesias, hypoesthesias, but may also include deficits in proprioception that can interfere with daily activities (e.g., writing, buttoning, swallowing, and difficulty walking or impaired proprioception). These forms of neurotoxicity occurred in 48% of the study patients receiving Oxaliplatin Injection with 5-fluorouracil/leucovorin. Persistent neurotoxicity can occur without any prior acute neurotoxicity event. The majority of the patients (80%) who developed Grade 3 persistent neurotoxicity progressed from prior Grade 1 or 2 events. These symptoms may improve in some patients upon discontinuation of Oxaliplatin Injection.
In the adjuvant cancer therapy trial, neurotoxicity was graded using a pretested modified version from the Neuro-Sensory section of the National Cancer Institute Common Toxicity Criteria (NCI CTC) scale, Version 1, as shown in Table 1.

Table 1 - NCI CTC Grading for Neurotoxicity in Adjuvant Patients

Grade	Definition
Grade 0	No change or none
Grade 1	Mild paresthesia or loss of deep tendon reflexes
Grade 2	Mild or moderate objective sensory loss, moderate paresthesias
Grade 3	Severe objective sensory loss or paresthesias that interfere with function
Grade 4	Not applicable

Peripheral sensory neurotoxicity was reported in adjuvant patients treated with the Oxaliplatin Injection combination with a frequency of 32% (all grades) and 13% (Grade 3). At the 28-day follow-up after the last treatment cycle, 60% of all patients had any grade (Grade 1=40%, Grade 2=16%, Grade 3=5%) peripheral sensory neurotoxicity decreasing to 33% at 6 months follow-up (Grade 1=33%, Grade 2=7%, Grade 3=1%). At 18 months of follow-up (Grade 1=17%, Grade 2=3%, Grade 3=1%).

In the advanced colorectal cancer study, neurotoxicity was graded using a study-specific neurotoxicity scale, which was different from the NCI CTC scale, Version 2.0 as shown in Table 2.

Table 2 - Grading Scale for Paresthesias/Dysesthesias in Advanced Colorectal Cancer Patients

Grade	Definition
Grade 1	Resolved and did not interfere with functioning
Grade 2	Interfered with function but not daily activities
Grade 3	Pain or functional impairment that interferes with daily activities
Grade 4	Persistent pain or functional impairment that is disabling or life-threatening

Overall, neurotoxicity was reported in patients previously untreated for advanced colorectal cancer in 82% (all grades) and 19% (Grade 3/4), and in the previously treated patients in 74% (all grades) and 7% (Grade 3/4). Information regarding reversal of neurotoxicity was not available from the trial for patients who had not been previously treated for colorectal cancer.

5.3 Pulmonary Toxicity

Oxaliplatin Injection has been associated with pulmonary toxicity (<1% of study patients), which was characterized by cough, dyspnea, and hypoxia. In the adjuvant cancer therapy trial, the incidence of Grade 3 peripheral sensory neurotoxicity was 9 in the previously treated patients, the median number of cycles administered on the Oxaliplatin Injection with 5-fluorouracil/leucovorin combination arm was 5.

5.4 Hepatotoxicity

Hepatotoxicity as evidenced in the adjuvant study, by increase in transaminases (7% vs. 34%) and alkaline phosphatase (42% vs. 20%) was observed more commonly in the Oxaliplatin Injection combination than in the 5-fluorouracil/leucovorin arm. The incidence of increased bilirubin was similar on both arms. Changes noted on liver biopsies include: peliosis, nodular regenerative hyperplasia or sinusoidal alterations, perisinusoidal fibrosis, and cholestasis. Hepatic vascular disorders should be considered, and if appropriate, should be investigated in case of abnormal liver function test results or portal hypertension, which cannot be explained by liver metastases (see **Clinical Trials Experience** (6.1)).

5.5 Use in Pregnancy

Pregnancy Category D
Oxaliplatin Injection may cause fetal harm when administered to a pregnant woman. There are no adequate and well-controlled studies of Oxaliplatin Injection in pregnant women. Women of childbearing potential should be advised to avoid becoming pregnant while receiving treatment with Oxaliplatin Injection. (see **Use in Specific Populations** (8.1))

5.6 Recommended Laboratory Tests

Standard monitoring of the white blood cell count with differential, hemoglobin, platelet count, and blood chemistry (including ALT, AST, bilirubin and creatinine) is recommended before each Oxaliplatin Injection cycle (see **Dosage and Administration** (2)).

There have been reports while on study and from post-marketing surveillance of prolonged prothrombin time and INR occasionally associated with hemorrhage in patients who received Oxaliplatin Injection plus 5-fluorouracil/leucovorin while on anticoagulants. Patients receiving Oxaliplatin Injection plus 5-fluorouracil/leucovorin and requiring oral anticoagulants may require closer monitoring.

6 ADVERSE REACTIONS

6.1 Clinical Trials Experience

Serious adverse reactions including anaphylaxis and allergic reactions, neurotoxicity, pulmonary toxicities and hepatotoxicities can occur (see **Warnings and Precautions** (5.1)).

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of drugs cannot be directly compared to rates observed in practice.

More than 1100 patients with stage II or III colon cancer and more than 4,000 patients with advanced colorectal cancer have been treated in clinical studies with Oxaliplatin Injection. The most common adverse reactions in patients with stage II or III colon cancer receiving adjuvant therapy, were peripheral sensory neurotoxicity, neutropenia, thrombocytopenia, anemia, nausea, increase in transaminases and alkaline phosphatase, diarrhea, emesis, fatigue and stomatitis. The most common adverse reactions in patients previously untreated for advanced colorectal cancer receiving Oxaliplatin Injection plus 5-fluorouracil/leucovorin and requiring oral anticoagulants may require closer monitoring.

The incidence of death within 28 days of last treatment, regardless of causality, was 0.5% (9 in 1,800) in the Oxaliplatin Injection combination with infusional 5-fluorouracil/leucovorin arms, respectively. Deaths within 60 days from initiation of therapy were 0.3% (n=3) in both the Oxaliplatin Injection combination and infusional 5-fluorouracil/leucovorin arms. In the Oxaliplatin Injection combination arm, 3 deaths were due to sepsis/neutropenic sepsis, 2 from intracerebral bleeding and one from eosinophilic pneumonia. In the 5-fluorouracil/leucovorin arm, one death was due to suicide, 2 from Steven-Johnson Syndrome (one patient also had sepsis), 1 unknown cause, 1 non-cerebral infarction and 1 probable aortic aorta rupture.

Table 3 provides adverse reactions reported in the adjuvant therapy colon cancer clinical trial (see **Clinical Studies** (14)) by body system and decreasing order of frequency in the Oxaliplatin Injection and infusional 5-fluorouracil/leucovorin arm for events with overall incidences $\geq 5\%$ and for NCI Grade 3/4 events with incidences $\geq 1\%$.

Table 3 - Adverse Reactions Reported in Patients with Colon Cancer Receiving Adjuvant Treatment (>5% of all patients and with <1% NCI Grade 3/4 events)

Adverse Reaction (WHO/Pre)	All Grades (%)	Grade 3/4 (%)	All Grades (%)	Grade 3/4 (%)
Any Event	99	82	98	79
Allergy/Immunology				
Allergic Reaction	10	3	2	<1
Constitutional Symptoms/Pain/Ocular/Visual				
Fatigue	18	4	38	1
Abdominal Pain	15	17	17	2
Dermatology/Skin				
Skin Disorder	32	2	36	2
Injection Site Reaction	11	3	10	3
Gastrointestinal				
Nausea	56	5	61	2
Diarrhea	74	11	48	7
Vomiting	29	8	31	0
Stomatitis	47	3	24	1
Anorexia	13	1	8	<1
Fever/Infection				
Fever	22	1	12	1
Infection	25	4	25	3
Neurology				
Overall Peripheral Sensory Neurotoxicity	92	12	16	<1

¹ Includes thrombocytosis related to the catheter

Table 4 provides adverse reactions reported in the adjuvant therapy colon cancer clinical trial (see **Clinical Studies** (14)) by body system and decreasing order of frequency in the Oxaliplatin Injection and infusional 5-fluorouracil/leucovorin arm for events with overall incidences $\geq 5\%$ and with incidences <1% NCI Grade 3/4 events.

Table 4 - Adverse Reactions Reported in Patients with Colon Cancer Receiving Adjuvant Treatment (>5% of all patients, but with <1% NCI Grade 3/4 events)

Adverse Reaction (WHO/Pre)	All Grades (%)	Grade 3/4 (%)	All Grades (%)	Grade 3/4 (%)
Rhinitis	6	1	8	1
Constitutional Symptoms/Pain/Ocular/Visual				
Epistaxis	16	10	12	1
Weight Increase	10	10	10	1
Conjunctivitis	10	1	15	1
Headache	7	5	10	1
Dyspnea	5	3	3	3
Pain	5	4	5	1
Lacrimation Abnormal	4	1	12	1
Dermatology/Skin				
Alopecia	38	10	28	2
Conjunctivitis	22	19	19	1
Taste Perversion	12	1	18	1
Dyspepsia	8	5	5	5
Metabolic				
Phosphate Alkaline Increased	42	20	20	2
Neurology				
Sensory Disturbance	8	1	1	1

Although specific events can vary, the overall frequency of adverse reactions was similar in men and women and in patients <65 and ≥ 65 years. However, the following Grade 3/4 events were more common in females: diarrhea, fatigue, granulocytopenia, neutropenia, thrombocytopenia, and increase in transaminases and alkaline phosphatase, diarrhea, emesis, fatigue and stomatitis. The most common adverse reactions in patients previously untreated and treated patients were peripheral sensory neurotoxicity, neutropenia, anemia, nausea, emesis, and diarrhea (see **Warnings and Precautions** (5.6)).

Combination Adjuvant Therapy with Oxaliplatin Injection and Infusional 5-Fluorouracil/Leucovorin in Patients with Colon Cancer
One thousand one hundred and twenty patients with stage II or III colon cancer, who had undergone complete resection of the primary tumor, have been treated in a clinical study with Oxaliplatin Injection in combination with infusional 5-fluorouracil/leucovorin (see **Indications and Usage** (1)). The incidence of Grade 3 or 4 adverse reaction was 70% on the Oxaliplatin Injection combination arm, and 31% on the infusional 5-fluorouracil/leucovorin arm. The adverse reactions in this trial are shown in Table 3 and Table 4.

Discontinuation of treatment due to adverse reactions occurred in 19% of the patients receiving Oxaliplatin Injection and infusional 5-fluorouracil/leucovorin. The patients receiving Oxaliplatin Injection and infusional 5-fluorouracil/leucovorin combination arm, 3 deaths were due to sepsis/neutropenic sepsis, 2 from intracerebral bleeding and one from eosinophilic pneumonia. In the 5-fluorouracil/leucovorin arm, one death was due to suicide, 2 from Steven-Johnson Syndrome (one patient also had sepsis), 1 unknown cause, 1 non-cerebral infarction and 1 probable aortic aorta rupture.

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Dyspnea	5	3	3	3
Pain	5	4	5	1
Lacrimation Abnormal	4	1	12	1
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Alopecia	38	10	28	2
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Metabolic				
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Neurology				
Sensory Disturbance	8	1	1	1

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Table 3 - Adverse Reactions Reported in Patients with Colon Cancer Receiving Adjuvant Treatment (>5% of all patients and with <1% NCI Grade 3/4 events)

Reaction ¹				
Gastrointestinal				
Nausea	74	5	61	2
Diarrhea	56	11	48	7
Vomiting	47	6	24	1
Stomatitis	42	3	40	2
Anorexia	13	1	8	<1
Fever/infection				
Fever	27	1	12	1
Infection	25	4	25	3
Neurology				
Overall Peripheral Sensory Neuropathy	92	12	16	<1

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PATIENT INFORMATION

Oxaliplatin Injection

Read this information carefully as you start using Oxaliplatin Injection. It will help you learn more about Oxaliplatin Injection. This information does not take the place of talking to your doctor about your medical condition or your treatment. Ask your doctor about any questions you have.

What is the most important information I should know about Oxaliplatin Injection?

Oxaliplatin Injection can cause serious allergic reactions.

In people who get severe allergic reactions while taking platinum medicines, death can occur.

Get emergency help right away if you:

- suddenly have trouble breathing.
- feel like your throat is closing up.

Call your doctor right away if you have any signs of allergic reaction:

- rash
- flushed face
- hives
- itching
- swelling of your lips or tongue
- sudden cough
- dizziness or feel faint
- sweating
- chest pain

See “What are the possible side effects of Oxaliplatin Injection” for information on other serious side effects.

What is Oxaliplatin Injection?

Oxaliplatin Injection is an anti-cancer (chemotherapy) medicine that is used with other anti-cancer medicines called 5-fluorouracil (5-FU) and leucovorin (LV) to treat adults with:

- stage III colon cancer after surgery to remove the tumor
- advanced colon or rectal cancer (colo-rectal cancer).

Oxaliplatin Injection with infusional 5-FU and LV was shown to lower the chance of colon cancer returning when given to patients with stage III colon cancer after surgery to remove the tumor. Oxaliplatin Injection also increases survival in patients with stage III colon cancer. Oxaliplatin Injection with infusional 5-FU and LV was also shown to increase survival, shrink tumors and delay growth of tumors in some patients with advanced colorectal cancer. It is not known if Oxaliplatin Injection works in children.

Who should not use Oxaliplatin Injection?

Do not use Oxaliplatin Injection if you are allergic to any of the ingredients in Oxaliplatin Injection or other medicines that contain platinum. Cisplatin (Platinol®) and carboplatin (Paraplatin®) are other chemotherapy medicines that also contain platinum. See the end of this leaflet for a list of ingredients in Oxaliplatin Injection.

What should I tell my doctor before treatment with Oxaliplatin Injection?

Tell your doctor about all your medical conditions including, if you are:

- pregnant or planning to become pregnant. Oxaliplatin Injection may harm your unborn child. You should avoid becoming pregnant while taking Oxaliplatin Injection. Talk with your doctor about how to avoid pregnancy.
- breast feeding or plan to breast feed. We do not know if Oxaliplatin Injection can pass through your milk and if it can harm your baby. You will need to decide whether to stop breast feeding or not to take Oxaliplatin Injection.

Tell your doctor about all the medicines you take, including prescription and non-prescription medicines, vitamins, and herbal supplements. Oxaliplatin Injection may affect how other medicines work in your body.

Know the medicines you take. Keep a list of them and show it to your doctor and pharmacist when you get a new medicine.

How is Oxaliplatin Injection given to me?

Oxaliplatin Injection is given to you through your veins (blood vessels).

- Your doctor will prescribe Oxaliplatin Injection in an amount that is right for you.
- Your doctor will treat you with several medicines for your cancer.
- It is very important that you do exactly what your doctor and nurse have taught you to do.
- Some medicines may be given to you before Oxaliplatin Injection to help prevent nausea and vomiting.
- Oxaliplatin Injection is given with 2 other chemotherapy medicines, leucovorin and 5-FU.
- Each treatment course is given to you over 2 days. You will receive Oxaliplatin Injection on the first day only.
- There are usually 14 days between each chemotherapy treatment course.

Treatment Day 1:

Oxaliplatin Injection and leucovorin are given through a thin plastic tube put into a vein (intravenous infusion or I.V.) and given for 2 hours. You will be watched by a healthcare provider during this time. Right after the Oxaliplatin Injection and leucovorin are finished, 2 doses of 5-FU will be given. The first dose is given right away into your I.V. tube. The second dose will be given into your I.V. tube over the next 22 hours, using a pump device.

Treatment Day 2:

You will not get Oxaliplatin Injection on Day 2. Leucovorin and 5-FU will be given the same way as on Day 1.

During your treatment with Oxaliplatin Injection:

- It is important for you to keep all appointments. Call your doctor if you must miss an appointment. There may be special instructions for you.
- Your doctor may change how often you get Oxaliplatin Injection, how much you get, or how long the infusion will take.
- You and your doctor will discuss how many times you will get Oxaliplatin Injection.

The 5-FU will be given through your I.V. with a pump. If you have any problems with the pump or the tube, call your doctor, your nurse, or the person who is responsible for your pump. Do not let anyone other than a healthcare provider touch your infusion pump or tubing.

What activities should I avoid while on treatment with Oxaliplatin Injection?

- Avoid cold temperatures and cold objects. Cover your skin if you must go outside in cold temperatures.
- Do not drink cold drinks or use ice cubes in drinks.
- Do not put ice or ice packs on your body.

See the end of this leaflet, (“How can I reduce the side effects caused by cold temperatures?”) for more information.

Talk to your doctor and nurse about your level of activity during treatment with Oxaliplatin Injection. Follow their instructions.

What are the possible side effects of Oxaliplatin Injection?

Oxaliplatin Injection can cause serious side effects:

- **Serious allergic reactions.** See “What is the most important information I should know about Oxaliplatin Injection?”
- **Nerve problems (peripheral neuropathy).** Oxaliplatin Injection can affect how your nerves work and make you feel. Tell your doctor right away if you get any signs of nerve problems listed below:
 - Very sensitive to cold temperatures and cold objects
 - Trouble breathing, swallowing, or saying words, jaw tightness, odd feeling in your tongue, or chest pressure
 - Pain, tingling, burning (pins and needles, numb feeling) in your hands, feet, or around your mouth or throat, which may cause problems walking or performing activities of daily living.

The first signs of nerve problems may happen with the first treatment. The nerve problems



can also start up to 2 days after treatment. If you develop nerve problems, the amount of Oxaliplatin Injection in your next treatment may be changed or Oxaliplatin Injection treatment may be stopped.

For information on ways to lessen or help with the nerve problems, see the end of this leaflet, "How can I reduce the side effects caused by cold temperatures?"

- **Lung problems (interstitial fibrosis).** Tell your doctor if you get a dry cough and have trouble breathing (shortness of breath) before your next treatment. These may be signs of a serious lung disease.
- **Liver problems (hepatotoxicity).** Your doctor will do blood tests to watch for this.
- **Harm to an unborn baby. Oxaliplatin Injection may cause harm to your unborn baby.** See "What should I tell my doctor before treatment with Oxaliplatin Injection?"

Common side effects with Oxaliplatin Injection include:

- decreased blood counts: Oxaliplatin Injection can cause a decrease in neutrophils (a type of white blood cells important in fighting in bacterial infections), red blood cells (blood cells that carry oxygen to the tissues), and platelets (important for clotting and to control bleeding).

Call your doctor right away if you get any of the following signs of infection:

- Fever (temperature of 100.5 F or greater)
- Chills or shivering
- Cough that brings up mucus
- Burning or pain on urination
- Pain on swallowing
- Sore throat
- Redness or swelling at intravenous site
- Tell your doctor about any bleeding or bruising
- nausea
- vomiting
- diarrhea
- constipation
- mouth sores
- stomach pain
- decreased appetite
- tiredness
- eyesight (visual) problems. Tell your doctor about any eyesight changes
- injection site reactions. Reactions may include redness, swelling, pain, tissue damage
- hair loss (alopecia)

Call your doctor if you get any of the following:

- Vomiting that does not go away
- Frequent, loose, watery bowel movements (Diarrhea)
- Signs of dehydration (too much water loss)
 - tiredness
 - thirst
 - dry mouth
 - lightheadedness (dizziness)
 - decreased urination

Tell your doctor if you have any side effect that bothers you or that does not go away. These are not all the possible side effects of Oxaliplatin Injection. For more information, ask your doctor or pharmacist.

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

How can I reduce the side effects caused by cold temperatures?

- Cover yourself with a blanket while you are getting your Oxaliplatin Injection infusion.
- Do not breathe deeply when exposed to cold air.
- Wear warm clothing in cold weather at all times. Cover your mouth and nose with a scarf or a pull-down cap (ski cap) to warm the air that goes to your lungs.
- Wear gloves when taking things from the freezer or refrigerator.
- Drink fluids warm or at room temperature.
- Always drink through a straw.
- **Do not** use ice chips if you have nausea or mouth sores. Ask your nurse about what you can use.

- Be aware that most metals are cold to touch, especially in the winter. These include your car door and mailbox. Wear gloves to touch cold objects.
- Do not run the air-conditioning at high levels in the house or in the car in hot weather.
- If your body gets cold, warm-up the affected part. If your hands get cold, wash them with warm water.
- Always let your nurse and doctor know **before** your next treatment how well you did since your last visit.

This list is not complete and your healthcare provider may have other useful tips for helping you with these side effects.

General information about the safe and effective use of Oxaliplatin Injection

Medicines are sometimes prescribed for conditions that are not mentioned in patient information leaflets.

This leaflet summarizes the most important information about Oxaliplatin Injection. If you would like more information, talk with your doctor. You can ask your doctor or pharmacist for information about Oxaliplatin Injection that is written for health professionals.

What are the ingredients in Oxaliplatin Injection?

Active ingredient: oxaliplatin

Inactive ingredient: water for injection

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