

HIGHLIGHTS OF PRESCRIBING INFORMATION
These highlights do not include all the information needed to use DOCEXTAXEL INJECTION. For full prescribing information, see full prescribing information for DOCEXTAXEL INJECTION.

DOCEXTAXEL Injection, for Intravenous Use
Initial U.S. Approval: 1996

WARNING: TOXIC DEATHS, HEPATOXYTOXICITY, NEUTROPENIA, HYPERSENSITIVITY REACTIONS, AND FLUID RETENTION
See full prescribing information for complete boxed warning.

- Treatment-related mortality increases with abnormal liver function, at higher doses, and in patients with NSCLC and prior platinum-based therapy receiving doxorubicin at 70 mg/m² (5.1).
- Should not be given if bilirubin > 1.5 ULN, or if AST and/or ALT > 1.5 x ULN concomitant with alkaline phosphatase > 2.5 x ULN. LFT elevations increase risk of severe or life-threatening complications. Obtain LFTs before each treatment cycle.
- Should not be given if neutrophil counts are < 1500 cells/mm³. Obtain pre-treatment blood counts to monitor for neutropenia (4.3).
- CNS hypersensitivity reactions to doxorubicin have been reported in patients who received dexmethasone prophylaxis. Severe reactions require immediate discontinuation of doxorubicin injection and administration of appropriate therapy (5.3).
- Anticardiolipin antibody if severe hypersensitivity reactions to doxorubicin or doxorubicin formulations with polyoxylate 80 (6).
- Severe fluid retention may occur despite dexmethasone (5.6).

- SCCHN: 75 mg/m² followed by cisplatin 75 mg/m² IV (day 1), followed by fluorouracil 750 mg/m² per day as a 24-hr IV infusion (days 1-5), starting at end of cisplatin infusion (2.1).
- NSCLC: 75 mg/m² followed by cisplatin 100 mg/m² IV (day 1), followed by fluorouracil 1000 mg/m² per day as a 24-hr IV infusion (days 1-4), for 3 cycles (2.3).

- For patients with oral contraceptives (2.6).
- Adult dose is 75 mg/m².
- Dose Forms and Strengths
 - 80 mg per mL (10 mg/mL) multi-dose vial (3).
 - 150 mg per 16 mL (10 mg/mL) multi-dose vial (3).

- **CONTRAINDICATIONS**
 - Hypersensitivity to doxorubicin or polyoxylate (6).
 - Neutrophil counts < 1500 cells/mm³ (4.3).
- **WARNINGS AND PRECAUTIONS**
 - Second primary malignancies: In patients treated with doxorubicin injection-containing regimens, monitor for delayed AML, MDS, NA, and other solid tumors (5.7).
 - Cutaneous reactions: Reactions including erythema of the extremities with edema followed by desquamation may occur. Severe skin toxicity may require systemic corticosteroids (5.1).
 - Neurologic reactions: Reactions including paresthesia, dysesthesia, and pain may occur. Severe neurotoxic symptoms require dose adjustment or discontinuation if persistent (5.9).
 - Eye disorders: Cyclosporin macular edema (CME) has been reported and requires prompt discontinuation (5.8).
 - Asthenia: Severe asthenia may occur and may require treatment discontinuation (5.11).
 - Embryo-fetal toxicity: Can cause fetal harm. Advise patients of the potential risk to a fetus and to use effective contraception (2.1, 2.8, 3, 6).
 - Alcohol control: The alcohol content in a dose of doxorubicin injection may affect the central nervous system. This may include reduction of a patient's ability to drive or operate machinery after infusion (5.13).
- **ADVERSE REACTIONS**
 - Most common adverse reactions across all doxorubicin indications are infections, neutropenia, anemia, febrile neutropenia, hypersensitivity, thrombocytopenia, neurotoxicity, dyspnea, dysphagia, constipation, anorexia, nail disorders, fluid retention, asthenia, pain, nausea, diarrhea, neutropenic sepsis, alopecia, skin reactions, and myalgia (see full prescribing information) (2.1, 2.2, 2.3).
- **USE IN SPECIFIC POPULATIONS**
 - **Lactation:** Advise women not to breastfeed (8.2).
 - **Females and Males of Reproductive Potential:** Very pregnant status of females prior to doxorubicin infusion should be withheld until the next cycle (2.1).

- **INDICATIONS AND USAGE**
 - Doxorubicin Injection is a microtubule inhibitor used for the treatment of:
 - **Breast Cancer (BC):** single agent for locally advanced or metastatic BC after chemotherapy and with doxorubicin and cyclophosphamide as adjuvant treatment (2.1).
 - **Non-small Cell Lung Cancer (NSCLC):** single agent for locally advanced or metastatic NSCLC after chemotherapy and with cisplatin for unresectable, locally advanced or metastatic unresectable NSCLC (2.3).
 - **Castration-Resistant Prostate Cancer (CRPC):** with prednisone in metastatic castration-resistant prostate cancer (5.1).
 - **Gastric Adenocarcinoma (GA):** with cisplatin and fluorouracil for untreated, advanced gastric adenocarcinoma (5.2).
 - **Squamous Cell Carcinoma of the Head and Neck (SCCHN):** with cisplatin and fluorouracil for induction treatment of locally advanced SCCHN (5.3).
- **DOSE AND ADMINISTRATION**
 - Administer in a facility equipped to manage possible complications (e.g., anaphylaxis). Administer intravenously (IV) over 1 to 3 hours. IV infusion is not recommended. Use only 24-gauge and/or larger diameter injection from the vial.
 - BC: locally advanced or metastatic: 50 mg/m² to 100 mg/m² single agent (2.1).
 - BC: adjuvant: 75 mg/m² administered 1 hour after doxorubicin 500 mg/m² and cyclophosphamide 500 mg/m² every 3 weeks for 3 cycles (2.1).
 - NSCLC: chemotherapy-naïve: 75 mg/m² single agent (2.2).
 - NSCLC: chemotherapy-naïve: 75 mg/m² followed by cisplatin 100 mg/m² (2.3).
 - CRPC: 75 mg/m² with 5 mg prednisone every 12 hours (5.1).
 - GA: 75 mg/m² followed by cisplatin 75 mg/m² (both on day 1) followed by fluorouracil 750 mg/m² per day as a 24-hr IV infusion (days 1-5), starting at end of cisplatin infusion (2.4).

- **HOW SUPPLIED/STORAGE AND HANDLING**
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 - 4. American Society of Clinical Oncology. ASCO Guidelines for the Use of Doxorubicin in Gastric Adenocarcinoma. J Clin Oncol. 2015;33(26):3653-3662.
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 - 1.3 Prostate Cancer
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What are the possible side effects of Docetaxel Injection?

Docetaxel Injection may cause serious side effects including death.

- See **"What is the most important information I should know about Docetaxel Injection?"**
- Risk of new cancers.** An increase in new (second) cancers has happened in people treated with Docetaxel Injection together with certain other anticancer treatments. This includes certain blood cancers, such as acute myeloid leukemia (AML), myelodysplastic syndrome (MDS), Non-Hodgkin's lymphoma (NHL), and kidney cancer.
 - Changes in blood counts due to leukemia and other blood disorders may occur years after treatment with Docetaxel Injection.
- Your healthcare provider will check you for new cancers during and after your treatment with Docetaxel Injection.**
- Skin reactions including redness and swelling of your arms and legs with peeling of your skin.** Tell your healthcare provider if you are having a skin reaction.
- Neurologic problems.** Neurologic symptoms are common in people who receive Docetaxel Injection but can be severe. Tell your healthcare provider right away if you have numbness, tingling, or burning in your hands or feet (peripheral neuropathy) or weakness of your legs, feet, arms, or hands (motor weakness).
- Vision problems including blurred vision or loss of vision.** Tell your healthcare provider right away if you have any vision changes.
- Docetaxel Injection contains alcohol.** The alcohol content in Docetaxel Injection may impair your ability to drive or use machinery right after receiving Docetaxel Injection. Consider whether you should drive, operate machinery or do other hazardous activities right after you receive Docetaxel Injection treatment.
- You may experience side effects of this medicine that may impair your ability to drive, use tools, or operate machines. If this happens, do not drive or use any tools or machines before discussing with your healthcare provider.

- The most common side effects of Docetaxel Injection include:**
 - infections
 - low white blood cells (help fight infections), low red blood cells (anemia), and low platelets (help blood clot)
 - allergic reactions (See **"What is the most important information I should know about Docetaxel Injection?"**)
 - changes in your sense of taste
 - shortness of breath, constipation, decreased appetite
 - changes in your fingernails or toenails
 - swelling of your hands, face, or feet
 - feeling weak or tired
 - joint and muscle pain
 - nausea and vomiting
 - diarrhea
 - mouth or lip sores
 - hair loss: in some people, permanent hair loss has been reported
 - redness, itching, or swelling of the eye
 - skin reactions at the site of Docetaxel Injection administration such as increased skin pigmentation, redness, and itching
 - swelling, dryness, or pain of the mouth
 - swelling of your hands, face, or feet
 - feeling weak or tired

Tell your healthcare provider if you have a fast or irregular heartbeat, severe shortness of breath, dizziness or fainting during your infusion. If any of these events occurs after your infusion, get medical help right away. Docetaxel Injection may affect fertility in males. Talk to your healthcare provider if this is a concern for you.

These are not all the possible side effects of Docetaxel Injection. For more information, ask your healthcare provider or pharmacist.

Call your healthcare provider 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 Docetaxel Injection.

Medicines are sometimes prescribed for purposes other than those listed in this Patient Information. You can ask your pharmacist or healthcare provider for information about Docetaxel Injection that is written for health professionals.

What are the ingredients in Docetaxel Injection?

Active ingredients: docetaxel (anhydrous), inactive ingredients: polysorbate 80, anhydrous citric acid, dehydrated alcohol and polyethylene glycol 300.

Every three-week injection of Docetaxel Injection for breast, non-small cell lung and stomach, and head and neck cancers

Take your oral corticosteroid medicine as your healthcare provider tells you.

Oral corticosteroid dosing:

Day 1 Date: Time: AM PM
Day 2 Date: Time: AM PM

(Docetaxel Injection Treatment Day)

Day 3 Date: Time: AM PM

Every three-week injection of Docetaxel Injection for prostate cancer

Take your oral corticosteroid medicine as your healthcare provider tells you.

Oral corticosteroid dosing:

Date: Time: AM PM
Date: Time: AM PM

(Docetaxel Injection Treatment Day)

Date: Time: AM PM

This Patient Information has been approved by the U.S. Food and Drug Administration.

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Mt. Kinds Pharma Pharmaceuticals Co., Ltd. Chengdu, China 611731

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LB-528-V1

Adverse Reaction	Docetaxel 75 mg/m ² every 3 weeks + fluorouracil 5 mg twice daily n=32		Miconazole 12 mg/m ² every 3 weeks + fluorouracil 5 mg twice daily n=33	
	Any	Grade 3/4	Any	Grade 3/4
Aspects	30	NA	13	NA
Not Changes	33	0	3	0
Nausea	41	3	36	2
Diarrhea	32	2	10	1
Fatigue/myalgia	2	0	5	0
Taste Disturbance	15	0	13	1
Vomiting	17	2	14	2
Anorexia	17	1	14	0
Cough	12	0	8	0
Dyspnea	15	3	9	1
Cardiac left ventricular function	10	0	22	1
Fatigue	53	5	35	5
Myalgia	15	0	13	1
Tearing	10	1	2	0
Arthralgia	8	1	5	1

Related to treatment

Gastric Cancer:

Combination Therapy with Docetaxel Injection in Gastric Adenocarcinoma

Data in the following table are based on the experience of 221 patients with advanced gastric adenocarcinoma and no history of prior chemotherapy for advanced disease who were treated with docetaxel injection 75 mg/m² in combination with cisplatin and fluorouracil (see Table 10).

Table 10. Clinically Important Treatment-Emergent Adverse Reactions (Regardless of Relationship to Treatment) in the Gastric Cancer Study

Adverse Reaction	Docetaxel 75 mg/m ² + cisplatin 75 mg/m ² + fluorouracil 500 mg/m ² n=221		Cisplatin 100 mg/m ² + fluorouracil 1000 mg/m ² n=224	
	Any	Grade 3/4	Any	Grade 3/4
Anemia	96	82	83	57
Neutropenia	36	2	23	1
Fever in the absence of infection	26	8	39	14
Thrombocytopenia	29	16	23	10
Fatigue/neuropathy	16	NA	10	NA
Neurogenic infection	10	2	6	0
Allergic reactions	15	0	4	0
Fluid retention*	15	0	4	0
Constipation	13	0	3	0
Lethargy	63	21	58	18
Neurosensory neuropathy	38	8	25	3
Neuropathy	9	3	8	3
Aspects	67	5	41	1
Rash/itch	2	1	9	0
Nail changes	8	0	0	0
Skin discoloration	6	0	3	0
Nausea	73	16	76	19
Vomiting	67	15	73	19
Anorexia	51	10	54	12
Constipation	39	21	61	27
Diarrhea	78	20	50	8
Constipation	25	2	34	3
Esophagitis/dysphagia/odynophagia	16	2	14	5
Gastrointestinal pain	11	2	7	3
Cardiac dysrhythmias	5	2	2	1
Myocardial ischemia	1	0	3	2
Heartburn	8	0	2	0
Hearing	6	0	13	2
Altered hearing	6	0	13	2

Clinically important treatment-emergent adverse reactions were determined based upon frequency, severity, and clinical impact of the adverse reaction.

Head and Neck Cancer:

Combination Therapy with Docetaxel Injection in Head and Neck Cancer

Table 11 summarizes the safety data obtained from patients that received induction chemotherapy with docetaxel injection 75 mg/m² in combination with fluorouracil and fluorouracil followed by radiotherapy (TAX323, 174 patients) or chemotherapy (TAX324, 251 patients). The treatment regimens are described in Section 14.6.

Table 11. Clinically Important Treatment-Emergent Adverse Reactions (Regardless of Relationship to Treatment) in Patients with SCCHN Receiving Induction Chemotherapy with Docetaxel Injection in Combination with Cisplatin and Fluorouracil Followed by Radiotherapy (TAX323) or Chemotherapy (TAX324)

Adverse Reaction (by Body System)	TAX323 (n=174)		TAX324 (n=251)	
	Any	Grade 3/4	Any	Grade 3/4
Neutropenia	93	76	87	53
Thrombocytopenia	24	5	47	18
Infection	27	9	26	8
Fatigue/neuropathy*	5	NA	2	NA
Neurogenic infection	14	NA	9	NA
Cancer pain	21	5	16	3
Lethargy	41	3	38	6
Fever in the absence of infection	32	1	37	0
Cough	12	1	7	0
Weight loss	21	1	27	14
Allergy	6	0	3	0
Fluid retention*	20	14	13	7
Edema only	6	0	7	0
Weight gain only	6	0	6	0
Dizziness	2	0	5	1
Neurosensory neuropathy	18	11	14	14
Altered hearing	6	0	10	3
Neuropathy	2	1	4	9
Aspects	81	11	43	4
Rash/itch	12	0	6	0
Dry skin	6	0	2	0
Dequamation	1	0	2	0
Nausea	47	31	57	14
Stomatitis	43	4	47	11
Vomiting	26	1	39	5
Diarrhea	33	3	48	7
Constipation	17	16	27	30
Anorexia	16	1	25	34
Esophagitis/dysphagia/odynophagia	13	1	18	23
Task, sense of smell altered	10	0	5	0
Gastrointestinal pain	8	1	9	15
Heartburn	6	0	6	13
Gastrointestinal bleeding	4	2	0	5
Cardiac dysrhythmia	2	2	6	3
Vision*	2	2	2	4
Ischemia myocardial	2	2	0	1
Tearing	2	0	1	2
Constipation	0	1	1	0

Clinically important treatment-emergent adverse reactions based upon frequency, severity, and clinical impact:

- Fatigue/neuropathy grade 2-4 occurred with grade 4 neutropenia requiring intravenous antibiotics and/or hospitalization
- Related to treatment: includes superficial and deep vein thrombosis and pulmonary embolism

6.2 Postmarketing Experience

The following adverse reactions have been reported from clinical trials and postmarketing surveillance. Because they are identified from a population of unknown size, precise estimates of frequency cannot be made.

Body as a whole: diffuse pain, chest pain, radiation recall phenomenon, injection site reaction (frequency of also reaction at a site of previous extravasation following administration of docetaxel at a different site) at the site of previous extravasation.

Cardiovascular: atrial fibrillation, deep vein thrombosis, ECG abnormalities, thrombophlebitis, pulmonary embolism, syncope, tachycardia, myocardial infarction. Ventricular arrhythmias including ventricular tachycardia has been reported in patients treated with docetaxel in combination regimens including docetaxel, 5-fluorouracil and fluorouracil (see **"Warnings and Precautions (5.1) Contraindications"**).

Cutaneous: very rare cases of cutaneous lupus erythematosus and rare cases of alopecia eruptions such as anagenis, telogen, Svelens-Johnson syndrome, toxic epidermal necrolysis, and Scleroderma-like changes usually preceded by peripheral lymphedema. Savers hand and foot syndrome has been reported. Cases of permanent alopecia have been reported.

Gastrointestinal: enterocolitis, including colitis, ischemic colitis, and neurogenic enterocolitis; has been reported with a potential fatal outcome. Abdominal pain, anorexia, constipation, duodenal ulcer, esophagitis, gastrointestinal hemorrhage, gastrointestinal perforation, intestinal obstruction, ileus, and dehydration as a consequence of gastrointestinal events have been reported.

Hearing: rare cases of ototoxicity, hearing disorders and/or hearing loss have been reported, including cases associated with other otic drugs.

Hematologic/bleeding disorders: Disseminated intravascular coagulation (DIC), often in association with sepsis or multiple failure, has been reported.

Hepatic: rare cases of hepatitis, sometimes fatal primarily in patients with pre-existing liver disorders, have been reported.

Hypersensitivity: rare cases of anaphylactic shock have been reported. Very rarely these cases resulted in a fatal outcome in patients who received premedication. Hypersensitivity reactions with potential fatal outcome have been reported with docetaxel in patients who previously experienced hypersensitivity reactions to cisplatin.

Metabolism and Nutrition Disorders: electrolyte imbalance, including cases of hyponatremia, hypokalemia, hypomagnesemia, and hypophosphatemia, has been reported.

Neurologic: confusion, rare cases of seizure or transient loss of consciousness have been reported. Rare cases of peripheral neuropathy, cerebellar ataxia, and/or cerebellar dysfunction have been reported.

Ophthalmologic: conjunctivitis, lacrimation or tearing with or without conjunctivitis. Excessive tearing which may be attributable to lacrimal duct obstruction has been reported. Rare cases of transient visual disturbances (flashes, drifting lights, scotomata) typically occurring during drug infusion and in association with hypersensitivity reactions have been reported. There were reversible upon discontinuation of the infusion. Cases of eyelid edema (CME) have been reported in patients treated with docetaxel injection.

Respiratory: dyspnea, acute respiratory distress syndrome, acute respiratory distress syndrome, interstitial lung disease, interstitial pneumonia, respiratory failure, and pulmonary fibrosis have been reported. Acute respiratory distress syndrome (ARDS) has been reported in patients treated with docetaxel injection. Acute respiratory distress syndrome (ARDS) has been reported in patients treated with docetaxel injection. Acute respiratory distress syndrome (ARDS) has been reported in patients treated with docetaxel injection.

Renal: renal insufficiency and renal failure have been reported, the majority of these cases were associated with concomitant nephrotoxic drugs.

Second Primary Malignancies: second primary malignancies, including AML, MDS, NHL, and testicular cancer, have been reported in patients treated with docetaxel injection-containing regimens. See **"Warnings and Precautions (5.7) Fertility, Pregnancy, and Lactation"**.

7 DRUG INTERACTIONS

In a study conducted in a CYP3A4 substrate. In vitro studies have shown that the metabolism of docetaxel is mediated by CYP3A4. In vivo studies have shown that the metabolism of docetaxel is mediated by CYP3A4. In vivo studies have shown that the metabolism of docetaxel is mediated by CYP3A4. In vivo studies have shown that the metabolism of docetaxel is mediated by CYP3A4.

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Based on findings in animal reproduction studies and the mechanism of action of docetaxel injection can cause fetal harm when administered to a pregnant woman (see **"Clinical Pharmacology (12.1) Available data from case reports or the literature and pharmacokinetics with docetaxel in a pregnant woman are not sufficient to inform the drug-associated risk of major birth defects, miscarriage, or adverse maternal or fetal outcomes."** Docetaxel Injection contains alcohol. Concomitant use of docetaxel injection and alcohol may increase exposure to docetaxel and alcohol, and may increase the risk of adverse effects. Docetaxel Injection may increase exposure to docetaxel and alcohol, and may increase the risk of adverse effects. Docetaxel Injection may increase exposure to docetaxel and alcohol, and may increase the risk of adverse effects.

8.2 Lactation

There is no known antineoplastic drug-drug interaction. In case of overdose, the patient should be kept in a specialized unit where vital functions can be closely monitored. Anticipated complications of overdose include: bone marrow suppression, peripheral neuropathy, and mucositis. Patients should receive supportive CSF as soon as possible after discovery of overdose. Other appropriate symptomatic measures should be taken, as needed.

8.3 Females and Males of Reproductive Potential

In two reports of overdose, one patient received 150 mg and the other received 200 mg/m² over 14 hours. Both patients experienced severe neutropenia, mild anemia, cutaneous reactions, and mild paresthesia, and recovered without incident. In one, initially was observed following intravenous doses that were 150 mg/m² (about 4.5 times the human dose of 100 mg/m² on a mg/m² basis), neurotoxicity associated with paralysis, non-extension of limb flexion, and myelin degeneration was observed in one at 48 mg/m² (about 1.5 times the human dose of 100 mg/m²). In male and female rats, which was observed at a dose of 20 mg/kg (comparable to the human dose of 100 mg/m² on a mg/m² basis) and was associated with abnormal mitosis and necrosis of multiple organs.

Docetaxel injection can cause fetal harm when administered to a pregnant woman (see **"Use in Specific Populations (8.1) Available data of reproductive potential to use effective contraception during treatment and for 6 months after the last dose of docetaxel injection."**)

Males:

Based on genetic toxicology findings, advise male patients with female partners of reproductive potential to use effective contraception during treatment and for 3 months after the last dose of docetaxel injection.

Females:

Based on findings in animal studies, docetaxel injection may impair fertility in males of reproductive potential (see **"Nonclinical Toxicology (13.1) Fertility, Pregnancy, and Lactation"**).

8.4 Pediatric Use

The efficacy and safety of docetaxel injection should be taken into account when given to pediatric patients (see **"Warnings and Precautions (5.3) Pediatric Use"**).

The efficacy of docetaxel in pediatric patients as monotherapy or in combination has not been established. The overall safety profile of docetaxel in pediatric patients receiving monotherapy or TCF was consistent with that known safety profile in adults.

Docetaxel has been studied in a total of 289 pediatric patients; 239 in 2 trials with monotherapy and 50 in combination treatment with cisplatin and 5-fluorouracil (TCF).

Docetaxel Monotherapy:

Docetaxel monotherapy was evaluated in a dose-finding phase 1 trial in 61 pediatric patients under age 12 years, range 1-22 years with a variety of refractory soft tissue tumors. The recommended dose was 125 mg/m² as a 1-hour intravenous infusion every 21 days. The primary dose limiting toxicity was neutropenia.

The recommended dose for docetaxel monotherapy was evaluated in a phase 2 single-arm, randomized, open-label, phase 2b study in 120 patients with histology of recurrent/refractory soft tissue. Efficacy was not established with tumor response rates ranging from one complete response (CR) (0.8%) in a patient with undifferentiated sarcoma to four partial responses (PR) (3.3%) in one patient each with Ewing Sarcoma, neuroblastoma, osteosarcoma, and squamous cell carcinoma.

Docetaxel was studied in combination with cisplatin and 5-fluorouracil (TCF) versus cisplatin and 5-fluorouracil (CF) for the induction treatment of rhabdomyosarcoma (RMS) in 100 patients aged 1 to 18 years. In the TCF group, 10 patients were randomized to 75 mg/m² in combination with cisplatin and 5-fluorouracil (75 mg/m²) (TCF) in a patient with undifferentiated sarcoma and 5-fluorouracil (100 mg/m²) (CF). The primary endpoint was the CR rate following induction treatment of RMS. One patient out of 10 in the TCF group (2%) had a complete response, treated obstruction, ileus, and dehydration as a consequence of gastrointestinal events have been reported.

Pharmacokinetics:

Pharmacokinetic parameters for docetaxel were determined in 2 pediatric solid tumor trials. Following docetaxel administration at 5 mg/m² to 225 mg/m² in a 1-hour intravenous infusion every 1 week in 25 patients aged 1 to 20 years (median age 11), docetaxel clearance was 1.6 L/h/m² (range 0.8-2.8 L/h/m²).

Hematologic/bleeding disorders: Disseminated intravascular coagulation (DIC), often in association with sepsis or multiple failure, has been reported.

Hepatic: rare cases of hepatitis, sometimes fatal primarily in patients with pre-existing liver disorders, have been reported.

Hypersensitivity: rare cases of anaphylactic shock have been reported. Very rarely these cases resulted in a fatal outcome in patients who received premedication. Hypersensitivity reactions with potential fatal outcome have been reported with docetaxel in patients who previously experienced hypersensitivity reactions to cisplatin.

Metabolism and Nutrition Disorders: electrolyte imbalance, including cases of hyponatremia, hypokalemia, hypomagnesemia, and hypophosphatemia, has been reported.

Neurologic: confusion, rare cases of seizure or transient loss of consciousness have been reported. Rare cases of peripheral neuropathy, cerebellar ataxia, and/or cerebellar dysfunction have been reported.

Ophthalmologic: conjunctivitis, lacrimation or tearing with or without conjunctivitis. Excessive tearing which may be attributable to lacrimal duct obstruction has been reported. Rare cases of transient visual disturbances (flashes, drifting lights, scotomata) typically occurring during drug infusion and in association with hypersensitivity reactions have been reported. There were reversible upon discontinuation of the infusion. Cases of eyelid edema (CME) have been reported in patients treated with docetaxel injection.

Respiratory: dyspnea, acute respiratory distress syndrome, acute respiratory distress syndrome, interstitial lung disease, interstitial pneumonia, respiratory failure, and pulmonary fibrosis have been reported. Acute respiratory distress syndrome (ARDS) has been reported in patients treated with docetaxel injection. Acute respiratory distress syndrome (ARDS) has been reported in patients treated with docetaxel injection.

Renal: renal insufficiency and renal failure have been reported, the majority of these cases were associated with concomitant nephrotoxic drugs.

Second Primary Malignancies: second primary malignancies, including AML, MDS, NHL, and testicular cancer, have been reported in patients treated with docetaxel injection-containing regimens. See **"Warnings and Precautions (5.7) Fertility, Pregnancy, and Lactation"**.

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Clinically Important Treatment-Emergent Adverse Reactions (Regardless of Relationship to Treatment) in Patients with SCCHN Receiving Induction Chemotherapy with Docetaxel Injection in Combination with Cisplatin and Fluorouracil Followed by Radiotherapy (TAX323) or Chemotherapy (TAX324)

Adverse Reaction (by Body System)	TAX323 (n=174)		TAX324 (n=251)	
	Any	Grade 3/4	Any	Grade 3/4
Neutropenia	93	76	87	53
Thrombocytopenia	24	5	47	18
Infection	27	9	26	8
Fatigue/neuropathy*	5	NA	2	NA
Neurogenic infection	14	NA	9	NA
Cancer pain	21	5	16	3
Lethargy	41	3	38	6
Fever in the absence of infection	32	1	37	0
Cough	12	1	7	0
Weight loss	21	1	27	14
Allergy	6	0	3	0
Fluid retention*	20	14	13	7
Edema only	6	0	7	0
Weight gain only	6	0	6	0
Dizziness	2	0	5	1
Neurosensory neuropathy	18	11	14	14
Altered hearing	6	0	10	3
Neuropathy	2	1	4	9
Aspects	81	11	43	4
Rash/itch	12	0	6	0
Dry skin	6	0	2	0
Dequamation	1	0	2	0
Nausea	47	31	57	14
Stomatitis	43	4	47	11
Vomiting	26	1	39	5
Diarrhea	33	3	48	7
Constipation	17	16	27	30
Anorexia	16	1	25	34
Esophagitis/dysphagia/odynophagia	13	1	18	23
Task, sense of smell altered	10	0	5	0
Gastrointestinal pain	8	1	9	15
Heartburn	6	0	6	13
Gastrointestinal bleeding	4	2	0	5
Cardiac dysrhythmia	2	2	6	3
Vision*	2	2	2	4
Ischemia myocardial	2	2	0	1
Tearing	2	0	1	2
Constipation	0	1	1	0

Clinically important treatment-emergent adverse reactions based upon frequency, severity, and clinical impact:

- Fatigue/neuropathy grade 2-4 occurred with grade 4 neutropenia requiring intravenous antibiotics and/or hospitalization
- Related to treatment: includes superficial and deep vein thrombosis and pulmonary embolism