WARNING: TOXIC DEATHS, HEPATOTOXICITY, NEUTROPENIA, PERSENSITIVITY REACTIONS, and FLUID RETENTION See full prescribing information for complete boxed warning

Freatment-related mortality increases with abnormal liver function, at highe doses, and in patients with NSCLC and prior platinum-based therapy receiving docetaxel at 100 mg/m² (5.1) Should not be given if bilirubin > 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

Should not be given if neutrophil counts are < 1500 cells/mm³. Obtain frequent blood counts to monitor for neutropenia (4, 5.3) Severe hypersensitivity, including very rare fatal anaphylaxis, has been reported in patients who received dexamethasone premedication. Severe reactions require immediate discontinuation of docetaxel injection and administration of appropriate therapy (5.5) contraindicated if history of severe hypersensitivity reactions to docetaxel or to drugs formulated with polysorbate 80 (4)

-----INDICATIONS AND USAGE-----Docetaxel Injection is a microtubule inh

Severe fluid retention may occur despite dexamethasone (5.6)

Breast Cancer (BC): single agent for locally advanced or metastatic BC after chemotherapy failure; and with doxorubicin and cyclophosphamide as adjuvant treatment

Non-small Cell Lung Cancer (NSCLC): single agent for locally advanced or metastat NSCLC after platinum therapy failure; and with cisplatin for unresectable, locally Castration-Resistant Prostate Cancer (CRPC): with prednisone in metastatic

castration-resistant prostate cancer (1.3) Gastric Adenocarcinoma (GC): with cisplatin and fluorouracil for untreated, advanced Squamous Cell Carcinoma of the Head and Neck (SCCHN): with cisplatin and

----DOSAGE AND ADMINISTRATION---

Administer in a facility equipped to manage possible complications (e.g., anaphylaxis). Administer intravenously (IV) over 1 hr every 3 weeks. PVC equipment is not recommended. Use only a 21 gauge needle to withdraw docetaxel injection from the vial.

 BC locally advanced or metastatic: 60 mg/m² to 100 mg/m² single agent (2.1) BC adjuvant: 75 mg/m² administered 1 hour after doxorubicin 50 mg/m² and cyclophosphamide 500 mg/m² every 3 weeks for 6 cycles (2.1) NSCLC: after platinum therapy failure: 75 mg/m² single agent (2.2)

NSCLC: chemotherapy-naïve: 75 mg/m² followed by cisplatin 75 mg/m² (2.2) CRPC: 75 mg/m² with 5 mg prednisone twice a day continuously (2.3)
GC: 75 mg/m² followed by cisplatin 75 mg/m² (both on day 1 only) followed by fluorouracil 750 mg/m² per day as a 24-hr IV (days 1-5), starting at end of cisplatin infusion (2.4)

FULL PRESCRIBING INFORMATION: CONTENTS* VARNING: TOXIC DEATHS, HEPATOTOXICITY, NEUTROPENIA, HYPERSENSITIVITY REACTIONS, and FLUID RETENTION

INDICATIONS AND USAGE

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DOSAGE AND ADMINISTRATION

Prostate Cancer Gastric Adenocarcinoma Premedication Regimen

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Dosage Adjustments during Treatment Administration Precautions

WARNINGS AND PRECAUTIONS Hepatic Impairment Hematologic Effects

5 Hypersensitivity Reactions 6 Fluid Retention 8 Cutaneous Reactions .9 Neurologic Reactions

5.11 Asthenia

FULL PRESCRIBING INFORMATION

HYPERSENSITIVITY REACTIONS, and FLUID RETENTION The incidence of treatment-related mortality associated with docetaxel therapy is increased in patients with abnormal liver function, in patients receiving higher doses, and in patients with non-small cell lung carcinoma and a history of prior treatment with platinum-based chemotherapy who receive docetaxel as a single agent at a dose of 100 mg/m² [see Warnings and Precautions (5.1)].

ocetaxel injection should not be given to patients with bilirubin > upper limit of normal (ULN), or to patients with AST and/or ALT >1.5 x ULN concomitant with alkaline phosphatase >2.5 x ULN. Patients with elevations of bilirubin or abnormalities of transaminase concurrent with alkaline phosphatase are at increased risk for the development of grade 4 neutropenia, febrile neutropenia. cytopenia, severe stomatitis, severe skin toxicity, and toxic death. Patients with isolated elevations of transaminase >1.5 x ULN also had a higher rate of febrile neutropenia grade 4 but did not have an increased incidence of toxic death. Bilirubin, AST or ALT, and alkaline phosphatase values should be obtained prior to each cycle of docetaxel injection therapy [see Warnings and

cetaxel injection therapy should not be given to patients with neutrophil counts of <1500 cells/mm³. In order to monitor the occurrence of neutropenia, which may be severe and result in infection, frequent blood cell counts should be performe on all patients receiving docetaxel injection [see Warnings and Precautions (5.3)].

evere hypersensitivity reactions characterized by generalized rash/erythematic hypotension and/or bronchospasm, or very rarely fatal anaphylaxis, have been reported in patients who received a 3-day dexamethasone premedication. Hypersensitivity reactions require immediate discontinuation of the docetaxel infusion and administration of appropriate therapy [see Warnings and Precautions (5.5)1. Docetaxel injection must not be given to patients who have a history of sitivity reactions to docetaxel or to other drugs formulated with

Severe fluid retention occurred in 6.5% (6/92) of patients despite use of a 3-day dexamethasone premedication regimen. It was characterized by one or more of the following events: poorly tolerated peripheral edema, generalized edema. pronounced abdominal distention (due to ascites) [see Warnings and Precautions

1 INDICATIONS AND USAGE 1.1 Breast Cancer

Docetaxel Injection is indicated for the treatment of patients with locally advanced or metastatic breast cancer after failure of prior chemotherap Occetaxel Injection in combination with doxorubicin and cyclophosphamide is indicated for

the adjuvant treatment of patients with operable node-positive breast cancer. 1.2 Non-small Cell Lung Cancer

Docetaxel Injection as a single agent is indicated for the treatment of patients with locally

dvanced or metastatic non-small cell lung cancer after failure of prior platinum-base

Docetaxel Injection in combination with cisplatin is indicated for the treatment of patients with unresectable, locally advanced or metastatic non-small cell lung cancer who have not previously received chemotherapy for this condition.

with metastatic castration-resistant prostate cancer

Docetaxel Injection in combination with prednisone is indicated for the treatment of patients

• 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 (days 1-5), starting at end of cisplatin infusion; for Dosage and Administration (2.7)]. SCCHN: 75 mg/m² followed by cisplatin 100 mg/m² IV (day 1), followed by fluorouracil Induction Chemotherapy Followed by Chemoradiotherapy (TAX324).

Adjust dose as needed (2.7)

----DOSAGE FORMS AND STRENGTHS--80 mg per 8 mL (10 mg per mL) multi-dose vial (3)

160 mg per 16 mL (10 mg per mL) multi-dose vial (3)

Hypersensitivity to docetaxel or polysorbate 80 (4) Neutrophil counts of <1500 cells/mm³ (4) ---WARNINGS AND PRECAUTIONS-----Second primary malignancies: In patients treated with docetaxel injection-containing regimens, monitor for delayed AML, MDS, NHL, and renal cancer. (5.7)

Neurologic reactions: Reactions including paresthesia, dysesthesia, and pain may occur. Severe neurosensory symptoms require dose adjustment or discontinuation if persistent.

2.7 Dosage Adjustments during Treatment Eye disorders: Cystoid macular edema (CME) has been reported and requires treatment

Breast Cancer

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. (5.12, 8.1, 8.3) machines immediately after infusion. (5.13)

Most common adverse reactions across all docetaxel indications are infections, neutropenia, anemia, febrile neutropenia, hypersensitivity, thrombocytopenia, neuropathy, dysgeusia, dyspnea, constipation, anorexia, nail disorders, fluid retention, asthenia, pain, nausea, diarrhea, vomiting, mucositis, alopecia, skin reactions, and myalgia. (6)

--ADVERSE REACTIONS----

To report SUSPECTED ADVERSE REACTIONS, contact Meitheal Pharmaceuticals, Inc. at 1-844-824-8426 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

--- DRUG INTERACTIONS----Cytochrome P450 3A4 inducers, inhibitors, or substrates: May alter docetaxel ----USE IN SPECIFIC POPULATIONS-----

Lactation: Advise women not to breastfeed. (8.2) es and Males of Reproductive Potential: Verify pregnancy status of females prior to

5.12 Embryo-Fetal Toxicity

ADVERSE REACTIONS

DRUG INTERACTIONS

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Females and Males of Reproductive Potential

3.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

14.1 Locally Advanced or Metastatic Breast Cancer

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14.3 Non-small Cell Lung Cancer (NSCLC)

REFERENCES HOW SUPPLIED/STORAGE AND HANDLING

See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.

Revised: 02/2022 Based Chemotherapy

cisplatin, and whose nadir of platelet count during the previous course of therapy is \$25,000 cells/mm3, in patients who experience febrile neutropenia, and in patients with should be reduced to 65 mg/m². In patients who require a further dose reduction, a dose

Prostate Cancer

Docetaxel injection should be administered when the neutrophil count is ≥1,500 cells/mm³. Patients who experience either febrile neutropenia, neutrophis <500 cells/mm³ for more than one week, severe or cumulative cutaneous reactions or moderate neurosensory signs and/or symptoms during docetaxel injection therapy should have the dosage of docetaxel injection reduced from 75 mg/m² to 60 mg/m². If the patient continues to experience these reactions at 60 mg/m², the treatment should be discontinued.

Gastric or Head and Neck Cancer

ocetaxel Injection in combination with cisplatin and fluorouracil is indicated for the treatment of patients with advanced gastric adenocarcinoma, including adenocarcinoma of the pesophageal junction, who have not received prior chemotherapy for advanced disease.

combination with cisplatin and fluorouracil are shown in Table 1 induction treatment of patients with locally advanced squamous cell carcinoma of the head

For all indications, toxicities may warrant dosage adjustments [see Dosage and Administration (2.7)]

*Sections or subsections omitted from the full prescribing information are not listed.

Administer in a facility equipped to manage possible complications (e.g. anaphylaxis). 2.1 Breast Cance

For locally advanced or metastatic breast cancer after failure of prior chemotherapy the recommended dose of docetaxel injection is 60 mg/m² to 100 mg/m² administered For the adjuvant treatment of operable node-positive breast cancer, the nended docetaxel injection dose is 75 mg/m² administered 1 hour afte courses. Prophylactic G-CSF may be used to mitigate the risk of hematological

toxicities [see Dosage and Administration (2.7)]

For treatment after failure of prior platinum-based chemotherapy, docetaxel was The dose modifications for cisplatin and fluorouracil in the gastric cancer study are evaluated as monotherapy, and the recommended dose is 75 mg/m² administered intravenously over 1 hour every 3 weeks. A dose of 100 mg/m² in patients previously treated with chemotherapy was associated with increased hematologic toxicity, infection, and treatment-related mortality in randomized controlled trials [see Boxel Warning, Dosage and Administration (2.7), Warnings and Precautions (5), Clinical For chemotherapy-naïve patients, docetaxel was evaluated in combination with

cisplatin. The recommended dose of docetaxel injection is 75 mg/m² administered intravenously over 1 hour immediately followed by cisplatin 75 mg/m² over 30–60 minutes every 3 weeks [see Dosage and Administration (2.7)].

docetaxel injection is 75 mg/m² every 3 weeks as a 1 hour intravenous infusion. Prednisone 5 mg orally twice daily is administered continuously [see Dosage and the following dose reductions should be considered (see Table 2).

For gastric adenocarcinoma, the recommended dose of docetaxel injection is 75 mg/m² as a 1 hour intravenous infusion, followed by cisplatin 75 mg/m², as a 1 to 3 hou intravenous infusion (both on day 1 only), followed by fluorouracil 750 mg/m² per day given as a 24-hour continuous intravenous infusion for 5 days, starting at the end of he cisplatin infusion. Treatment is repeated every three weeks. Patients must receive remedication with antiemetics and appropriate hydration for cisplatin administration

Patients must receive premedication with antiemetics, and appropriate hydration (prior to and after cisplatin administration). Prophylaxis for neutropenic infections should be administered. All patients treated on the docetaxel injection containing arms of the TAX323 and TAX324

Induction Chemotherapy Followed by Radiotherapy (TAX323)

of docetaxel injection is 75 mg/m 2 as a 1 hour intravenous infusion followed by cisplatin 75 mg/m 2 intravenously over 1 hour, on day one, followed by fluorouracil as a continuous $^{\circ}$ CrCl = Creatinine clearance intravenous infusion at 750 mg/m² per day for five days. This regimen is administered ever

cure, or organ preservation) SCCHN, the recommended dose of docetaxel injection is 75 mg/m² as a 1 hour intravenous infusion on day 1, followed by cisplatin 100 mg/m² Dosage and Administration (2.7)].

All patients should be premedicated with oral corticosteroids (see below for prostate cancer such as dexamethasone 16 mg per day (e.g., 8 mg twice daily) for 3 days starting 1 day prior to docetaxel injection administration in order to reduce the incidence and severity of fluid clarithromycin, atazanavir, indinavir, nefazodone, nelfinavir, ritonavir, saquinavir, telithromycin and second infusions. Severe hypersensitivity reactions characterized by generalized rash ention as well as the severity of hypersensitivity reactions [see Boxed Warning, Warnings

and 1 hour before the docetaxel infusion (see Warnings and Precautions (5.5)).

Patients who are dosed initially at 100 mg/m² and who experience either febrile neutropenia, neutrophils <500 cells/mm³ for more than 1 week, or severe or cumulative cutaneous reactions during docetaxel injection therapy should have the dosage adjusted Alcohol content: The alcohol content in a dose of docetaxel injection may affect the from 100 mg/m² to 75 mg/m². If the patient continues to experience these reactions, the immediately and thoroughly wash with soap and water. If docetaxel injection or final dosage should either be decreased from 75 mg/m² to 55 mg/m² or the treatment should be discontinued. Conversely, patients who are dosed initially at 60 mg/m² and who do not or cumulative cutaneous reactions, or severe peripheral neuropathy during docetaxel injection therapy may tolerate higher doses. Patients who develop ≥grade 3 peripheral neuropathy should have docetaxel injection treatment discontinued entirely.

ombination Therapy with Docetaxel Injection in the Adjuvant Treatment of Breast Cancer

Docetaxel injection in combination with doxorubicin and cyclophosphamide should be

Combination Therapy with Docetaxel Injection for Chemotherapy-Naïve NSCLC

occur the docetaxel injection dose should be reduced from 60 mg/m² to 45 mg/m². In case of grade 4 thombocytopenia the docetaxel injection dose should be reduced from 75 mg/m² to intil neutrophils recover to a level >1,500 cells/mm³ and platelets recover to a level 100,000 cells/mm³. Discontinue treatment if these toxicities persist [see Warnings and

Second episode: stop fluorouracil only, at all subsequent nucositis grade 4 First episode: stop fluorouracil only, at all subsequent

iver dysfunction: In case of AST/ALT >2.5 to ≤5 x ULN and AP ≤2.5 x ULN, or AST/ALT 1.5 to ≤5 x ULN and AP >2.5 to ≤5 x ULN, docetaxel injection should be reduced by 20%. case of AST/ALT >5 x ULN and/or AP >5 x ULN docetaxel injection should be stopped.

into the study, and then at least every 2 cycles and at the end of treatment. In the case of be treated with docetaxel injection [see Boxed Warning, Use in Specific Populations (8.6), neurological signs or symptoms, more frequent examinations should be performed and the following dose modifications can be made according to NCIC-CTC grade:

Ototoxicity: In the case of grade 3 toxicity, discontinue treatment.

• For metastatic castration-resistant prostate cancer, the recommended dose of Nephrotoxicity: In the event of a rise in serum creatinine ≥grade 2 (>1.5 x normal value) despite adequate rehydration. CrCl should be determined before each subsequent cycle and

For other cisplatin dosage adjustments, also refer to the manufacturers' prescribing

Table 2: Dose Reductions for Evaluation of Creatinine Clearance reatinine Clearance Result | Cisplatin Dose Next Cycle

2.5 Head and Neck Cancer

For the induction treatment of locally advanced inoperable SCCHN, the recommended dose

For the induction treatment of patients with locally advanced (unresectable, low surgical recovery. The fluorouracil dosage should be reduced by 20%. administered as a 30-minute to 3 hour infusion, followed by fluorouracil 1000 mg/m²/day be delayed (for a maximum of 2 weeks from the planned date of infusion) until resolution to as a continuous infusion from day 1 to day 4. This regimen is administered every 3 weeks for 3 cycles. Following chemotherapy, patients should receive chemoradiotherapy [see

Cutaneous reactions: Reactions including erythema of the extremities with edema followed by desquamation may occur. Severe skin toxicity may require dose adjustment.

experience febrile neutropenia, neutrophils <500 cells/mm³ for more than 1 week, severe

administered when the neutrophil count is ≥1,500 cells/mm³. Patients who experience febrile neutropenia should receive G-CSF in all subsequent cycles. Patients who continue infusion solution. to experience this reaction should remain on G-CSF and have their docetaxel injection dose reduced to 60 mg/m². Patients who experience grade 3 or 4 stomatitis should have their docetaxel injection dose decreased to 60 mg/m². Patients who experience severe or cumulative cutaneous reactions or moderate neurosensory signs and/or symptoms during docetaxel injection therapy should have their dosage of docetaxel injection reduced from 75 mg/m² to 60 mg/m². If the patient continues to experience these reactions at 60 mg/m². Docetaxel injection (10 mg per mL) requires NO prior dilution with a diluent and

Non-small Cell Lung Cancer Monotherapy with Docetaxel Injection for NSCLC Treatment after Failure of Prior Platinum- Dilution for Infusio

Patients who are dosed initially at 75 mg/m² and who experience either febrile neutropenia neutrophils <500 cells/mm³ for more than one week, severe or cumulative cutaneous eactions, or other grade 3/4 non-hematological toxicities during docetaxel injection reatment should have treatment withheld until resolution of the toxicity and then resumed at 55 mg/m². Patients who develop ≥grade 3 peripheral neuropathy should have docetaxel

Combination Therapy with Docetaxel Injection for Metastatic Castration-Resistant Prostate

Docetaxel Injection in Combination with Cisplatin and Fluorouracil in Gastric Cancer or Head Patients treated with docetaxel injection in combination with cisplatin and fluorouracil must receive antiemetics and appropriate hydration according to current institutional guidelines. In both studies, G-CSF was recommended during the second and/or subsequent cycles in case of febrile neutropenia, or documented infection with neutropenia, or neutropenia asting more than 7 days. If an episode of febrile neutropenia, prolonged neutropenia or neutropenic infection occurs despite G-CSF use, the docetaxel injection dose should be reduced from 75 mg/m² to 60 mg/m². If subsequent episodes of complicated neutropenia 60 mg/m². Patients should not be retreated with subsequent cycles of docetaxel injection

Docetaxel Injection in combination with cisplatin and fluorouracil is indicated for the Recommended dose modifications for toxicities in patients treated with docetaxel injection in

Table 1: Recommended Dose Modifications for Toxicities in Patients Treated with Docetaxel Injection in Combination with Cisplatin and Fluorouracil						
Dosage Adjustment						
First episode: reduce fluorouracil dose by 20%. Second episode: then reduce docetaxel injection dose by 20%.						
First episode: reduce docetaxel injection and fluorouracil doses by 20%. Second episode: discontinue treatment.						

Second episode: reduce docetaxel injection dose by 20%.

Peripheral Neuropathy: A neurological examination should be performed before entry Patients with combined abnormalities of transaminases and alkaline phosphatase should not 6 ADVERSE REACTIONS Grade 2: Reduce cisplatin dose by 20%.

CI between 40 and 59 mL/min cycle. If CrCl was >60 mL/min at end of cycle, full cisplatin dose was reinstituted at the next cycle. If no covery was observed, then cisplatin was omitted from the next treatment cycle. rCI <40 mL/min only. If CrCl was still <40 mL/min at the end of cycle L/min at end of cycle, a 50% cisplatin dose was iven at the next cycle. If CrCl was >60 mL/min at end of cycle, full cisplatin dose was given at next cycle.

Full dose of cisplatin was given. CrCl was to be

epeated before each treatment cycle.

For diarrhea and stomatitis, see Table 1.

In the event of grade 2 or greater plantar-palmar toxicity, fluorouracil should be stopped until

For other fluorouracil dosage adjustments, also refer to the manufacturers' prescribing Combination Therapy with Strong CYP3A4 Inhibitors Avoid using concomitant strong CYP3A4 inhibitors (e.g., ketoconazole, itraconazole, Patients should be observed closely for hypersensitivity reactions, especially during the first

tition of a strong CYP3A4 inhibitor [see Drug Interactions (7), Clinical aggressive therapy. Patients with a history of severe hypersensitivity reactions should not be

Patients who have previously experienced a hypersensitivity reaction to paclitaxel ma develop a hypersensitivity reaction to docetaxel that may include severe or fatal reactions Docetaxel injection is a cytotoxic anticancer drug and, as with other potentially toxic such as anaphylaxis. Monitor patients with a previous history of hypersensitivity to paclitaxel compounds, caution should be exercised when handling and preparing docetaxel injection solutions. The use of gloves is recommended [see How Supplied/Storage and Handling

closely during initiation of docetaxel therapy. Hypersensitivity reactions may occur within a few minutes following initiation of a docetaxel injection infusion. If minor reactions such as flushing or localized skin reactions occur, interruption of therapy is not required. All patients hould be premedicated with an oral corticosteroid prior to the initiation of the infusion of

and voriconazole). There are no clinical data with a dose adjustment in patients receiving strong CYP3A4 inhibitors. Based on extrapolation from a pharmacokinetic study with

ketoconazole in 7 patients, consider a 50% docetaxel dose reduction if patients require reactions require immediate discontinuation of the docetaxel injection infusion and

Contact of the docetaxel injection with plasticized PVC equipment or devices used to prepare solutions for infusion is not recommended. In order to minimize patient exposure to the plasticizer DEHP (di-2-ethylhexyl phthalate), which may be leached from PVC infusion

Patients with pre-existing effusions should be closely monitored from the first dose for the bags or sets, the final docetaxel injection dilution for infusion should be stored in bottles (glass, polypropylene) or plastic bags (polypropylene, polyplefin) and administered through polyethylene-lined administration sets.

doctaxel injection (16 ing per inc.) is ready to add to the infusion solution. Use only a 21 gauge needle to withdraw doctaxel injection from the vial because larger bore needles (e.g., 18 and 19 gauge) may result in stopper coring and rubber particulates.

Docetaxel injection unopened vials should be stored between 20° and 25°C (68° and °F). After first use and following multiple needle entries and product withdrawals, docetaxel injection multi-dose vials should be stored between 2° and 8°C (36° and several months or years after docetaxel-containing therapy. 46°F). If the vials are stored under refrigeration, allow the appropriate number of vials of docetaxel injection vials to stand at room temperature for approximately 5 minutes before . Using only a 21 gauge needle, aseptically withdraw the required amount of docetaxel

breast cancer trial (TAX316) AML occurred in 3 of 744 patients who received docetaxel doxorubicin, and cyclophosphamide (TAC) and in 1 of 736 patients who received fluorouraci injection (10 mg docetaxel per mL) with a calibrated syringe and inject via a single injection (one shot) into a 250 mL infusion bag or bottle of either 0.9% Sodium Chloride solution or 5% Dextrose solution to produce a final concentration of 0.3 mg per mL to If a dose greater than 200 mg of docetaxel is required, use a larger volume of the infusion vehicle so that a concentration of 0.74 mg per mL docetaxel is not exceeded.

Thoroughly mix the infusion by gentle manual rotation. As with all parenteral products, docetaxel injection should be inspected visually for particulate matter or discoloration prior to administration whenever the solution and ontainer permit. If the docetaxel injection dilution for intravenous infusion is not clear or appears to have precipitation, it should be discarded. Docetaxel injection infusion solution is supersaturated, therefore may crystallize over time. If crystals appear, the solution must no longer be used and shall be discarded.

infusion under ambient room temperature (below 25°C) and lighting conditions. Docetaxel injection final dilution for infusion, if stored between 2° and 25°C (36° and 77°F), is stable for 4 hours. Docetaxel injection final dilution for infusion (in either 0.9% sodium

chloride solution or 5% dextrose solution) should be used within 4 hours (including the 1 hour

The docetaxel injection dilution for infusion should be administered intravenously as a 1-hour

3 DOSAGE FORMS AND STRENGTHS Docetaxel Injection, USP (10 mg per mL) is a colorless to pale yellow solution available as:

80 mg per 8 mL (10 mg per mL) multi-dose vial 160 mg per 16 mL (10 mg per mL) multi-dose vial

neutrophil counts of <1500 cells/mm³ [see Warnings and Precautions (5.3)]. with polysorbate 80. Severe reactions, including anaphylaxis, have occurred [see

5 WARNINGS AND PRECAUTIONS

5.1 Toxic Deaths

Breast Cancer

Docetaxel administered at 100 mg/m² was associated with deaths considered possibly or probably related to treatment in 2.0% (19/965) of metastatic breast cancer patients, both Advise pregnant women and females of reproductive potential of the potential risk to a fetus. previously treated and untreated, with normal baseline liver function and in 11.5% (7/61)

Verify pregnancy status in females of reproductive potential prior to initiating docetaxel injection. Advise females of reproductive potential to use effective contraception during ALT >1.5 times ULN together with AP >2.5 times ULN). Among patients dosed at 60 mg/m², mortality related to treatment occurred in 0.6% (3/481) of patients with normal liver function, and in 3 of 7 patients with abnormal liver function. Approximately half of these deaths and for 3 months after the last dose of docetaxel injection (see Use in Specific Populations and for 3 months after the last dose of docetaxel injection is see Use in Specific Populations.

Severe hypersensitivity reactions have been reported (see Boxed Warning, Warnings and Precautions (5.5)). Minor events, including flushing, rash with or without pruritus, chest and for 3 months after the last dose of docetaxel injection (see Use in Specific Populations and for 3 months after the last dose of docetaxel injection and for 3 months after the last dose of docetaxel injec occurred during the first cycle. Sepsis accounted for the majority of the deaths.

Docetaxel administered at a dose of 100 mg/m² in patients with locally advanced Cases of intoxication have been reported with some formulations of docetaxel due to the Fluid retention can occur with the use of docetaxel [see Boxed Warning, Dosage and or metastatic non-small cell lung cancer who had a history of prior platinum-based alcohol content. The alcohol content in a dose of docetaxel injection may affect the central Administration (2.6). Warnings and Precautions (5.6). chemotherapy was associated with increased treatment-related mortality (14% and 5% in two randomized, controlled studies). There were 2.8% treatment-related deaths among the 176 patients treated at the 75 mg/m² dose in the randomized trials. Among patients who nent-related mortality at the 75 mg/m² dose level, 3 of 5 patients had an administration of docetaxel injection at 100 mg/m² delivers 1.8 g/m² of ethanol. For a patient ECOG PS of 2 at study entry [see Dosage and Administration (2.2), Clinical Studies (14)]. with a BSA of 2.0 m², this would deliver 3.6 grams of ethanol [see Description (11)]. Other

Perform frequent peripheral blood cell counts on all patients receiving docetaxel injection. Patients should not be retreated with subsequent cycles of docetaxel injection until neutrophils recover to a level >1500 cells/mm³ and platelets recover to a level

A 25% reduction in the dose of docetaxel injection is recommended during subsequent cycles. following severe neutropenia (<500 cells/mm³) lasting 7 days or more, febrile neutropenia, or a grade 4 infection in a docetaxel injection cycle [see Dosage and Administration (2.7)] ropenia (<2000 neutrophils/mm³) occurs in virtually all patients given 60 mg/m² to The most common adverse reactions across all docetaxel indications are infections, Severe stomatitis occurred in 5.5% of patients with solid tumors, in 7.4% of patients with 100 mg/m² of docetaxel and grade 4 neutropenia (<500 cells/mm³) occurs in 85% of patients neutropenia, anemia, febrile neutropenia, hypersensitivity, thrombocytopenia, neuropathy, dysgeusia, dyspnea, constipation, anorexia, nail disorders, fluid retention, asthenia, pain, aday corticosteroids. given 100 mg/m² and 75% of patients given 60 mg/m². Frequent monitoring of blood counts

inistered to patients with neutrophils <1500 cells/mm³. Febrile neutropenia occurred in about 12% of patients given 100 mg/m² but was very

is, therefore, essential so that dose can be adjusted. Docetaxel injection should not be

lematologic responses, febrile reactions and infections, and rates of septic death for different regimens are dose related [see Adverse Reactions (6.1), Clinical Studies (14)]. Three breast cancer patients with severe liver impairment (bilirubin >1.7 times ULN) developed fatal gastrointestinal bleeding associated with severe drug-induced thrombocytopenia. In gastric cancer patients treated with docetaxel in combination with cisplatin and fluorouracil (TCF), febrile neutropenia and/or neutropenic infection occurred in 12% of patients receiving G-CSF compared to 28% who did not. Patients receiving TCF

should be closely monitored during the first and subsequent cycles for febrile neutropenia

5.4 Enterocolitis and Neutropenic Colitis

Docetaxel 100 mg/m²: Adverse drug reactions occurring in at least 5% of patients are Enterocolitis and neutropenic colitis (typhlitis) have occurred in patients treated with compared for three populations who received docetaxel administered at 100 mg/m² as a 1-hour. In patients with normal LFTs at baseline, bilirubin values greater than the ULN occurred in docetaxel injection alone and in combination with other chemotherapeutic agents, despite the coadministration of G-CSF. Caution is recommended for patients with neutropenia, liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset of 965 patients with locally advanced or metastatic breast liver function tests; the subset particularly at risk for developing distributions. Enterocolitis and neutropenic cancer, both previously treated and untreated with chemotherapy, who had normal increases in AST and/or ALT >1.5 times ULN concomitant with alkaline phosphatase >2.5

Severe fluid retention has been reported following docetaxel therapy. Patients should be

When fluid retention occurs, peripheral edema usually starts in the lower extremities and may

Among 92 breast cancer patients premedicated with 3-day corticosteroids, moderate fluid

retention occurred in 27.2% and severe fluid retention in 6.5%. The median cumulative dose to onset of moderate or severe fluid retention was 819 mg/m². Nine of 92 patients (9.8%) of

patients discontinued treatment due to fluid retention: 4 patients discontinued with severe

fluid retention; the remaining 5 had mild or moderate fluid retention. The median cumulative dose to treatment discontinuation due to fluid retention was 1021 mg/m². Fluid retention was

completely, but sometimes slowly, reversible with a median of 16 weeks from the last infusion

of docetaxel to resolution (range: 0 to 42+ weeks). Patients developing peripheral edema may be treated with standard measures, e.g., salt restriction, oral diuretic(s).

Second primary malignancies, notably acute myeloid leukemia (AML), myelodysplasti

syndrome (MDS), Non-Hodgkin's Lymphoma (NHLb), and renal cancer, have been reported in patients treated with docetaxel-containing regimens. These adverse reactions may occur

yclophosphamide, including use in adjuvant therapy for breast cancer. In the adjuvant

doxorubicin, and cyclophosphamide [see Clinical Studies (14.2)]. In TAC-treated patients, the

Localized erythema of the extremities with edema followed by desquamation has been

1.6% (15/965) for metastatic breast cancer patients. Among 92 breast cancer patients

premedicated with 3-day corticosteroids, there were no cases of severe skin toxicity reported and no patient discontinued docetaxel due to skin toxicity.

Severe neurosensory symptoms (e.g. paresthesia, dysesthesia, pain) were observed in 5.5%

(53/965) of metastatic breast cancer patients, and resulted in treatment discontinuation in 6.1%. When these symptoms occur, dosage must be adjusted. If symptoms persist, treatment

should be discontinued [see Dosage and Administration (2.7)]. Patients who experienced

neurotoxicity in clinical trials and for whom follow-up information on the complete resolution of the event was available had spontaneous reversal of symptoms with a median of 9 weeks

from onset (range: 0 to 106 weeks). Severe peripheral motor neuropathy mainly manifested

stoid macular edema (CME) has been reported in patients treated with docetaxel injectio

Patients with impaired vision should undergo a prompt and comprehensive ophthalmologic

examination. If CME is diagnosed, docetaxel injection treatment should be discontinued and appropriate treatment initiated. Alternative non-taxane cancer treatment should be

Severe asthenia has been reported in 14.9% (144/965) of metastatic breast cancer patients but has led to treatment discontinuation in only 1.8%. Symptoms of fatigue and weakness

may last a few days up to several weeks and may be associated with deterioration of

pharmacovigilance with docetaxel use in pregnant women are not sufficient to inform

intrauterine mortality, at doses as low as 0.02 and 0.003 times the recommended human

ne most serious adverse reactions from docetaxel are:

Toxic Deaths [see Boxed Warning, Warnings and Precautions (5.1)]

Hepatic Impairment [see Boxed Warning, Warnings and Precautions (5.2

Fluid Retention [see Boxed Warning, Warnings and Precautions (5.6)]
Second Primary Malignancies [see Warnings and Precautions (5.7)]

Cutaneous Reactions [see Warnings and Precautions (5.8)]

Eye Disorders [see Warnings and Precautions (5.10)]

Asthenia (see Warnings and Precautions (5.11))

reflect the rates observed in practice

urologic Reactions [see Warnings and Precautions (5.9)]

Hematologic Effects [see Boxed Warning, Warnings and Precautions (5.3)] Enterocolitis and Neutropenic Colitis [see Warnings and Precautions (5.4)]

Hypersensitivity Reactions [see Boxed Warning, Warnings and Precautions (5.5)]

nausea, diarrhea, vomiting, mucositis, alopecia, skin reactions, and myalgia. Incidence varies

response to therapy, and treatment-related side effects has not been established

notherapy with Docetaxel for Locally Advanced or Metastatic Breast Cancer after Failure

and rabbits during the period of organogenesis caused embryo-fetal toxicities, including 3-day corticosteroids.

as distal extremity weakness occurred in 4.4% (42/965).

5.12 Embryo-Fetal Toxicity

risk of delayed myelodysplasia or myeloid leukemia requires hematologic patients for second primary malignancies (see Adverse Reactions (6.1)].

5.7 Second Primary Malignancies

premedicated with oral corticosteroids prior to each docetaxel injection administration to reduce the incidence and severity of fluid retention [see Dosage and Administration (2.6)].

COSTART terms and were considered possibly or probably related to docetaxel. At Monitor patients closely from onset of any symptoms of gastrointestinal toxicity. Inform patients to contact their healthcare provider with new, or worsening symptoms of generally similar in patients receiving docetaxel for the treatment of breast cancer and in gastrointestinal toxicity [see Dosage and Administration (2), Warnings and Precautions (5.3), patients with other tumor types (see Table 3).

Table 3: Summary of Adverse Reactions in Patients Receiving Docetaxel at 100 mg/m2

Autoroc Readilon	Normal LFTs* n=2045	Elevated LFTs** n=61 %	Normal LFTs* n=965 %	AST and 174 pati Tables 4
Hematologic Neutropenia				Table 4:
<2000 cells/mm ³ <500 cells/mm ³ Leukopenia	96 75	96 88	99 86	
<4000 cells/mm ³	96	98	99 44	
<1000 cells/mm³ Fhrombocytopenia <100,000 cells/mm³	32 8	47 25	9	Advers
Anemia <11 g/dL <8 g/dL	90 9	92 31	94 8	Neutrop Any
ebrile Neutropenia*** Septic Death	11 2	26 5	12 1	Grác
Non-Septic Death	1	5 7	1	Thromb Any
Any	22	33	22	Grace Anemia
Severe Fever in Absence of	6	16	6	Infectio Any
nfection Any Severe	31 2	41 8	35 2	Grad Febrile
Hypersensitivity Reactions Regardless of	2	0	2	By F By C Septic
Premedication Any Severe With 3-day Premedication Any	21 4 n=92 15	20 10 n=3 33	18 3 n=92 15	* Nor time
Severe Fluid Retention Regardless of Premedication Any Severe With 3-day Premedication Any	47 7 n=92 64	39 8 n=3 67	60 9 n=92 64	pho *** Inci (n= gra **** Fel anti
Severe Neurosensory Any Severe	7 49 4	33 34 0	7 58 6	Treated
Cutaneous Any Severe	48 5	54 10	47 5	Advers
Nail Changes Any Severe	31 3	23 5	41 4	Acute I Reaction
Gastrointestinal Nausea Vomiting Diarrhea	39 22 39	38 23 33	42 23 43	Regard Any Seve
Severe Stomatitis Any	5 42	5 49	6 52	Regard Any Seve
Severe	6 76	13	7 74	Neuros
Alopecia Asthenia	10	62	14	Any Seve
Any Severe	62 13	53 25	66 15	Myalgia Cutane
Myalgia Any Severe	19 2	16 2	21 2	Any Sever

Infusion Site Reactions Normal Baseline LFTs: Transaminases ≤1.5 times ULN or alkaline phosphatase ≤2.5

times ULN or isolated elevations of transaminases or alkaline phosphatase up to 5 Elevated Baseline LFTs: AST and/or ALT >1.5 times ULN concurrent with alkaline phosphatase >2.5 times ULN *** Febrile Neutropenia: ANC grade 4 with fever >38°C with intravenous antibiotics and/or Severe

Hematologic Reactions Reversible marrow suppression was the major dose-limiting toxicity of docetaxel [see

than 7 days in 2.9% of cycles.

Febrile neutropenia (<500 cells/mm³ with fever >38°C with intravenous antibiotics and/ In the three-arm monotherapy trial, TAX313, which compared docetaxel 60 mg/m², 75 mg/m² Based on findings from animal reproduction studies and its mechanism of action, or hospitalization) occurred in 11% of patients with solid tumors, in 12.3% of patients with docetaxel injection can cause fetal harm when administered to a pregnant woman /see linical Pharmacology (12.1)]. Available data from case reports in the literature and corticosteroids. the drug-associated risk of major birth defects, miscarriage or adverse maternal or fetal Severe infectious episodes occurred in 6.1% of patients with solid tumors, in 6.4% of patients nes. In animal reproduction studies, administration of docetaxel to pregnant rats with metastatic breast cancer, and in 5.4% of 92 breast cancer patients premedicated with

Warnings and Precautions (5.3)]. The median time to nadir was 7 days, while the median duration of severe neutropenia (<500 cells/mm³) was 7 days. Among 2045 patients with solid tumors and normal baseline LFTs, severe neutropenia occurred in 75.4% and lasted for more

discontinuing the infusion and instituting appropriate therapy.

Adverse reactions are described according to indication. Because clinical trials are conducted Hypotension occurred in 2.8% of patients with solid tumors; 1.2% required treatment under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug and may not drug cannot be directly compared to rates in the clinical trials of another drug cannot be directly compared to rates in the clinical trials of another drug cannot be directly compared to rates in the clinical trials of another drug cannot be directly compared to rates in the clinical trials of another drug cannot be directly compared to rates in the clinical trials of another drug cannot be directly compared to rates in the clinical trials of another drug cannot be directly compared to rates in the clinical trials of another drug cannot be directly compared to rates in the clinical trials of another drug cannot be directly compared to rates in the clinical trials of another drug cannot be directly compared to rates in the clinical trials of another drug cannot be described by the drug cannot be directly compared to rates and randomized trial and who had serial left ventricular ejection fractions assessed developed deterioration of LVEF by ≥10% associated with a drop below the institutional lower limit of and may experience worsening. The relationship between changes in performance status,

taken to develop at any time, and could lead to death as early as the first day of potent onset.

Little booling and neutropeinc and neutropei

Hematologic and Other Toxicity: Relation to Dose and Baseline Liver Chemistry Abnormalities Hematologic and other toxicity is increased at higher doses and in patients with elevated baseline liver function tests (LFTs). In the following tables, adverse drug reactions are compared for three populations: 730 patients with normal LFTs given docetaxel at 100 mg/m² in the randomized and single arm studies of metastatic breast cancer after failure of previous chemotherapy; 18 patients in these studies who had abnormal baseline LETs (defined as AST and/or ALT >1.5 times ULN concurrent with alkaline phosphatase >2.5 times ULN); and patients in Japanese studies given docetaxel at 60 mg/m² who had normal LFTs (see

	70	70	70				
	96 75	96 88	99 86	Table 4: Hematologic Adverse with Chemotherapy Treated Function Tests or		ng/m² with Normal	or Elevated Liver
	96 32	98 47	99 44			cetaxel mg/m²	Docetaxel 60 mg/m ²
m³	8	25	9	Adverse Reaction	Normal LFTs* n=730 %	Elevated LFTs*	Normal LFTs* n=174
***	90 9 11	92 31 26	94 8 12	Neutropenia Any <2000 cells/mm³ Grade 4 <500 cells/mm³	98 84	100	95 75
	2 1	5 7	1 1	Thrombocytopenia Any <100,000 cells/mm³ Grade 4 <20.000 cells/mm³	11	44 17	14
	22 6	33 16	22 6	Anemia <11 g/dL	95	94	65
of	-	-		Infection*** Any Grade 3 and 4	23 7	39 33	1 0
	31 2	41 8	35 2	Febrile Neutropenia**** By Patient By Course	12 2	33 9	0
				Septic Death	2	6	1
				Non-Septic Death	1	11	0
cation	21 4 n=92 15 2	20 10 n=3 33 0	18 3 n=92 15 2	Normal Baseline LFTs: Tra times ULN or isolated ele- times ULN Elevated Baseline LFTs: phosphatase >2.5 times UL	vations of transami AST and/or ALT >1 .N	nases or alkaline	phosphatase up to 5 current with alkaline
cation	47 7 n=92	39 8 n=3	60 9 n=92	*** Incidence of infection requi (n=62) among the 730 pati grade 3 neutropenia, and 4 **** Febrile Neutropenia: For 1 antibiotics and/or hospitaliz	ents with normal LF 6 patients had grade 100 mg/m², ANC gra	Ts at baseline; 7 pa e 4 neutropenia. ade 4 and fever >3	atients had concurrent 8°C with intravenous
	64 7	67 33	64 7	Table 5: Non-Hematologic A Treated with Chemotherapy 1 Liver Function Tests	Freated at Docetaxe	el 100 mg/m² with l	Normal or Elevated
	49 4	34 0	58 6		Doce		Docetaxel 60 mg/m ²
	48 5	54 10	47 5	Adverse Reaction	Normal LFTs* n=730 %	Elevated LFTs** n=18	Normal LFTs* n=174 %
			l l		70	70	70

	Doce 100 m		Docetaxel 60 mg/m ²
Adverse Reaction	Normal LFTs* n=730 %	Elevated LFTs** n=18 %	Normal LFTs* n=174 %
Acute Hypersensitivity Reaction Regardless of Premedication			
Any	13	6	1
Severe	1	0	Ö
Fluid Retention*** Regardless of Premedication Any Severe	56 8	61 17	13 0
Neurosensory			
Any Severe	57 6	50 0	20 0
Myalgia	23	33	3
Cutaneous Any Severe	45 5	61 17	31 0
Asthenia			
Any Severe	65 17	44 22	66 0
Diarrhea			
Any Severe	42 6	28 11	NA
Stomatitis			

* Normal Baseline LFTs: Transaminases ≤1.5 times ULN or alkaline phosphatase ≤2.5 times ULN or isolated elevations of transaminases or alkaline phosphatase up to 5 dML at median follow-up time of 8 years in TAX316 was 0.4% for TAC-treated patients and

Elevated Baseline Liver Function: AST and/or ALT >1.5 times ULN concurrent with

AML during the follow-up period (median follow-up time of 8 years).

with 75 mg/m² and 100 mg/m², respectively. Discontinuation due to adverse reactions was reported in 5.3% of patients treated with 60 mg/m² versus 6.9% and 16.5% for patients

Docetaxel 75 mg/m². Treatment-emergent adverse drug reactions are shown in Table 7.

Adverse Reaction

pleural, pericardial, and ascites); no premedication given with the 60 mg/m² dose and 100 mg/m² in advanced breast cancer, grade 3/4 or severe adverse reactions occurred Monotherapy with Docetaxel for Unresectable, Locally Advanced or Metastatic NSCLC in 49.0% of patients treated with docetaxel 60 mg/m² compared to 55.3% and 65.9% treated Previously Treated with Platinum-Based Chemotherapy

treated at 75 mg/m² and 100 mg/m², respectively. Deaths within 30 days of last treatment occurred in 4.0% of patients treated with 60 mg/m² compared to 5.3% and 1.6% for patients treated at 75 mg/m² and 100 mg/m², respectively. nocytopenia (<100,000 cells/mm³) associated with fatal gastrointestinal hemorrhage an reported.

The following adverse reactions were associated with increasing docetaxel doses: fluid retention (26%, 38%, and 46% at 60 mg/m², 75 mg/m², and 100 mg/m², respectively), thrombocytopenia (7%, 11% and 12%, respectively), neutropenia (92%, 94%, and 97%,

spectively), febrile neutropenia (5%, 7%, and 14%, respectively), trea

Combination Therapy with Docetaxel in the Adjuvant Treatment of Breast Cancer

The following table presents treatment-emergent adverse reactions observed in 744 patients ho were treated with docetaxel 75 mg/m² every 3 weeks in combination with doxorubicin Table 6: Clinically Important Treatment-Emergent Adverse Reactions Regardless of Causal Relationship in Patients Receiving Docetaxel in Combination with Doxorubicin

and Cyclophosphamide (TAX316)

4 infection (2%, 3%, and 7%, respectively) and anemia (87%, 94%, and 97%, respectively).

Severe skin toxicity is discussed elsewhere in the label [see Warnings and Precautions (5.8)]. Reversible cutaneous reactions characterized by a rash including localized eruptions, mainly on the feet and/or hands, but also on the arms, face, or thorax, usually associated with pruritus, have been observed. Eruptions generally occurred within 1 week after docetaxel infusion, recovered before the next infusion, and were not disabling.		Doxorubicir Cyclophosphai (TA n=	75 mg/m ² + n 50 mg/m ² + nide 500 mg/m ² AC) 744	Doxorubicii Cyclophospha (F/ n=	500 mg/m ² + n 50 mg/m ² + mide 500 mg/m ² AC) 736
Severe nail disorders were characterized by hypo- or hyperpigmentation, and occasionally by	Adverse Reaction	Any	Grade 3/4	Any	Grade 3/4
onycholysis (in 0.8% of patients with solid tumors) and pain.	Anemia	92	4	72	2
Neurologic Reactions	Neutropenia	71	66	82	49
Neurologic reactions are discussed elsewhere in the label [see Warnings and Precautions	Fever in absence of infection	47	1	17	0
(5.9)].	Infection	39	4	36	2
Gastrointestinal Reactions	Thrombocytopenia	39	2	28	1
<u>Gastrointesunal Redictions</u>	Febrile neutropenia	25	N/A	3	N/A
Nausea, vomiting, and diarrhea were generally mild to moderate. Severe reactions occurred	Neutropenic infection	12	N/A	6	N/A
in 3%-5% of patients with solid tumors and to a similar extent among metastatic breast	Hypersensitivity reactions	13	1	4	0
cancer patients. The incidence of severe reactions was 1% or less for the 92 breast cancer patients premedicated with 3-day corticosteroids.	Lymphedema	4	0	1	0
patients premedicated with 3-day controsterolds.	Fluid Retention*	35	1	15	0
Severe stomatitis occurred in 5.5% of patients with solid tumors, in 7.4% of patients with	Peripheral edema	27	0	7	0
metastatic breast cancer, and in 1.1% of the 92 breast cancer patients premedicated with	Weight gain	13	0	9	0
3-day corticosteroids.	Neuropathy sensory	26	0	10	0
Cardiovascular Reactions	Neuro-cortical	5	1	6	1
Cardiovasculai i Neactions	Neuropathy motor	4	0	2	0
Hypotension occurred in 2.8% of patients with solid tumors; 1.2% required treatment.	Neuro-cerebellar	2	0	2	0
Clinically meaningful events such as heart failure, sinus tachycardia, atrial flutter,	Syncope	2	1	1	0
dysrhythmia, unstable angina, pulmonary edema, and hypertension occurred rarely. Seven	Alopecia	98	N/A	97	N/A
of 86 (8.1%) of metastatic breast cancer patients receiving docetaxel 100 mg/m² in a randomized trial and who had serial left ventricular ejection fractions assessed developed	Skin toxicity	27	1	18	0
deterioration of LVEF by ≥10% associated with a drop below the institutional lower limit of	Nail disorders	19	0	14	0
normal.	Nausea	81	5	88	10
14 : 0" 0 "	Stomatitis	69	7	53	2
Infusion Site Reactions	Vomiting	45	4	59	7
Infusion site reactions were generally mild and consisted of hyperpigmentation, inflammation,	Diarrhea	35	4	28	2
redness or dryness of the skin, phlebitis, extravasation, or swelling of the vein.	Constipation	34	1	32	1
	Taste perversion	28	1	15	0
	Anorexia	22	2	18	1

Of the 744 patients treated with TAC, 36,3% experienced severe treatment-emerge adverse reactions compared to 26.6% of the 736 patients treated with FAC. Dose reductions due to hematologic toxicity occurred in 1% of cycles in the TAC arm versus 0.1% of cycles in the FAC arm. Six percent of patients treated with TAC discontinued treatment due to adverse reactions, compared to 1.1% treated with FAC; fever in the absence of infection and allergy neing the most common reasons for withdrawal among TAC-treated natients. Two natient each arm within 30 days of their last study treatment; 1 death per arm was attributed

to study drugs. Fever and Infection

Gastrointestinal Reactions

* COSTART term and grading system for events related to treatment.

During the treatment period, fever in the absence of infection was seen in 46.5% of TACtreated patients and in 17.1% of FAC-treated patients. Grade 3/4 fever in the absence of infection was seen in 1.3% and 0% of TAC- and FAC-treated patients, respectively. Infection was seen in 39.4% of TAC-treated nationts compared to 36.3% of FAC-treated nations trade 3/4 infection was seen in 3.9% and 2.2% of TAC-treated and FAC-treated patient respectively. There were no septic deaths in either treatment arm during the treatment period.

arm were reported to have colitis/enteritis/large intestine perforation versus one patient in the FAC arm. Five of the 7 TAC-treated patients required treatment discontinuation; no deaths due to these events occurred during the treatment period. Cardiovascular Reactions

In addition to gastrointestinal reactions reflected in the table above, 7 patients in the TAC

More cardiovascular reactions were reported in the TAC arm versus the FAC arm during the treatment period: arrhythmias, all grades (6.2% vs. 4.9%), and hypotension, all grades (1.9%). vs. 0.8%). Twenty-six (26) patients (3.5%) in the TAC arm and 17 patients (2.3%) in the AC arm developed CHF during the study period. All except one patient in each arm were diagnosed with CHF during the follow-up period. Two (2) patients in TAC arm and 4 patients n FAC arm died due to CHF. The risk of CHF was higher in the TAC arm in the first year, and

Adverse Reactions during the Follow-Up Period (Median Follow-Up Time of 8 Years) In study TAX316, the most common adverse reactions that started during the treatment period and persisted into the follow-up period in TAC and FAC patients are described below

Nervous System Disorders: In study TAX316, peripheral sensory neuropathy started during

the treatment period and persisted into the follow-up period in 84 patients (11.3%) in TAC arm and 15 patients (2%) in FAC arm. At the end of the follow-up period (median follow-up time of 8 years), peripheral sensory neuropathy was observed to be ongoing in 10 patients (1.3%) in TAC arm, and in 2 patients (0.3%) in FAC arm. Skin and Subcutaneous Tissue Disorders: In study TAX316, alopecia persisting into the follow-up period after the end of chemotherapy was reported in 687 of 744 TAC patients (92.3%) and 645 of 736 FAC patients (87.6%). At the end of the follow-up period (actual

median follow-up time of 8 years), alopecia was observed to be ongoing in 29 TAC patients

Reproductive System and Breast Disorders: In study TAX316, amenorrhea that started during

the treatment period and persisted into the follow-up period after the end of chemotherap was reported in 202 of 744 TAC patients (27.2%) and 125 of 736 FAC patients (17.0%) and 125 of 736 FAC patients (17.0%)

Amenorrhea was observed to be ongoing at the end of the follow-up period (median follow General Disorders and Administration Site Conditions: In study TAX316, peripheral edema that started during the treatment period and persisted into the follow-up period after the end of chemotherapy was observed in 119 of 744 TAC patients (16.0%) and 23 of 736 FAC patients (3.1%). At the end of the follow-up period (actual median follow-up time of 8 years) eripheral edema was ongoing in 19 TAC patients (2.6%) and 4 FAC patients (0.5%). In study TAX316, lymphedema that started during the treatment period and persisted into the follow-up period after the end of chemotherapy was reported in 11 of 744 TAC patients (1.5%) and 1 of 736 FAC patients (0.1%). At the end of the follow-up period (actual median

In study TAX316, asthenia that started during the treatment period and persisted into the follow-up period after the end of chemotherapy was reported in 236 of 744 TAC patients (31.7%) and 180 of 736 FAC patients (24.5%). At the end of the follow-up period (actual nedian follow-up time of 8 years). asthenia was observed to be ongoing in 29 TAC patients Acute Myeloid Leukemia (AML)/Myelodysplastic Syndrome (MDS): AML occurred in the

ollow-up time of 8 years), lymphedema was observed to be ongoing in 6 TAC patients

alkaline phosphatase >2.5 times ULN

Fluid Retention includes (by COSTART): edema (peripheral, localized, generalized, Myelodysplastic syndrome occurred in 2 of 744 (0.3%) patients who received TAC and in 1 of lymphedema, pulmonary edema, and edema otherwise not specified) and effusion 736 (0.1%) patients who received FAC. AML occurs at a higher frequency when these agents are given in combination with radiation therapy.

0.1% for FAC-treated patients. One TAC patient (0.1%) and 1 FAC patient (0.1%) died due to

treated in two randomized, controlled trials. These reactions were described using NCI hematologic toxicities or where otherwise noted.

Table 7: Treatment-Emergent Adverse Reactions Regardless of Relationship to

Treatment in Patients Receiving Docetaxel as Monotherapy for Non-small Cell Lung

Grade 3/4	65	12	5/
Leukopenia			
Any	84	6	89
Grade 3/4	49	0	43
Thrombocytopenia			
Any	8	0	8
Grade 3/4	3	0	2
Anemia			
Any	91	55	91
Grade 3/4	9	12	14
Febrile Neutropenia**	6	NA [†]	1
Infection			
Any	34	29	30
Grade 3/4	10	6	9
Treatment Related Mortality	3	NA [†]	3
Hypersensitivity Reactions			
Any	6	0	1
Grade 3/4	3	0	0
Fluid Retention			
Any	34	ND ^{††}	23
Severe	3		3
Neurosensory			
Any	23	14	29
Grade 3/4	2	6	5
Neuromotor			
Any	16	8	10
Grade 3/4	5	6	3
Skin			
Any	20	6	17
Grade 3/4	1	2	1
Gastrointestinal			
Nausea			
Any	34	31	31
Grade 3/4	5	4	8
Vomiting			
Any	22	27	22
Grade 3/4	3	2	6
Diarrhea			
Any	23	6	12
Grade 3/4	3	0	4

Normal Baseline LFTs: Transaminases ≤1.5 times ULN or alkaline phosphatase ≤2.5 times ULN or isolated elevations of transaminases or alkaline phosphatase up to 5

Febrile Neutropenia: ANC grade 4 with fever >38°C with intravenous antibiotics and/or *** COSTART term and grading system Not Applicable

Combination Therapy with Docetaxel in Chemotherapy-Naïve Advanced Unresectable or Table 8 presents safety data from two arms of an open label, randomized controlled trial

Common Toxicity Criteria except where otherwise noted.

(TAX326) that enrolled patients with unresectable stage IIIB or IV non-small cell lung cancer and no history of prior chemotherapy. Adverse reactions were described using the NCI

Table 8: Adverse Reactions Regardless of Relationship to Treatment in Chemotherapy-Naïve Advanced Non-small Cell Lung Cancer Patients Receiving Docetaxel in Combination with Cisplatin

Docetaxel 75 mg/m² + Vinorelbine 25 mg/m² Cisplatin 75 mg/m² Cisplatin 100 mg/m²

	11-400	11-330	nappen in people who receive Docetaxel injection and can lead to
Adverse Reaction	%	%	death. You may be at higher risk of developing a severe allergic
leutropenia			
Any	91	90	, , , , , , , , , , , , , , , , , , ,
Grade 3/4	74	78	Your healthcare provider will monitor you closely for allergic
ebrile Neutropenia	5	5	reactions during your Docetaxel Injection infusion.
hrombocytopenia			Tall come has like and more idea with a constitution become and the an
Any	15	15	leii your neaithcare provider right away if you have any of these
Grade 3/4	3	4	signs of a severe allergic reaction:
nemia			trouble breathing
Any	89	94	 sudden swelling of your face, lips, tongue, throat, or trouble
Grade 3/4	7	25	aviallavia a
nfection			
Any	35	37	hives (raised bumps), rash, or redness all over your body
Grade 3/4	8	8	
ever in absence of infection	-		5 Your body may hold too much fluid (severe fluid retention)
Any	33	29	during treatment with Docetaxel Injection. This can be life
Grade 3/4	<1	1	threatening. To decrease the chance of this happening, you must
lypersensitivity Reaction*			take another medicine, a corticosteroid, before each Docetaxel
Any	12	4	Injection treatment. You must take the corticosteroid exactly as
Grade 3/4	3	<1	your healthcare provider tells you. Tell your healthcare provider
luid Retention**	•		
Any	54	42	or nurse before your Docetaxel Injection treatment if you forgot to
All severe or life-threatening events	2	2	take your controllerold dose of do not take it as your healthcare
leural effusion	2		provider tells you. Tell your healthcare provider right away if you
Any	23	22	have swelling in your legs or feet, weight gain or shortness of
All severe or life-threatening events	2	2	breath.
reripheral edema	-		broatt.
Any	34	18	What is Decetoral Injection?
All severe or life-threatening events	<1	<1	What is Docetaxel Injection?
Veight gain			
Any	15	9	Docetaxel Injection is a prescription anti-cancer medicine used to
All severe or life-threatening events	<1	<1	treat certain people with:
leurosensory			o breast cancer
Any	47	42	o non-small cell lung cancer
Grade 3/4	4	4	o prostate cancer
leuromotor			
Any	19	17	o stomach cancer
Grade 3/4	3	6	o head and neck cancer
kin			
Any	16	14	It is not known if Docetaxel Injection is effective in children.
Grade 3/4	<1	1 1	
lausea			Do not receive Docetaxel Injection if you:
Any	72	76	have a low white blood cell count.
Grade 3/4	10	17	
omiting			have had a severe allergic reaction to: A department the action is reaction to:
Any	55	61	o docetaxel, the active ingredient in Docetaxel Injection or
Grade 3/4	8	16	o any other medicines that contain polysorbate 80. Ask your
liarrhea			healthcare provider or pharmacist if you are not sure.
Any	47	25	
Grade 3/4	7	3	See "What is the most important information I should know
	,	3	about Docetaxel Injection?" for the signs and symptoms of a severe
norexia**	42	40	allergic reaction.
Any All severe or life-threatening events	5	5	
-	J	J	See the end of this Patient Information for a complete list of the
tomatitis	04	04	ingredients in Docetaxel Injection.
Any Crode 3/4	24 2	21 1	
Grade 3/4	2	'	Before you receive Docetaxel Injection, tell your healthcare
lopecia			provider about all of your medical conditions, including if you:
Any	75	42	are allergic to any medicines, including paclitaxel. See "Do not"
Grade 3	<1	0	
sthenia**			receive Docetaxel Injection if you".
Any	74	75	have liver problems
All severe or life-threatening events	12	14	 are pregnant or plan to become pregnant. Docetaxel Injection
lail Disorder**			can harm your unborn baby. You should not become pregnant
Any	14	<1	during treatment with Docetaxel Injection. Tell your healthcare
All severe events	<1	0	provider if you become pregnant or you think you may be

Replaces NCI term "Allergy COSTART term and grading system

Deaths within 30 days of last study treatment occurred in 31 patients (7.6%) in the docetaxel+cisplatin arm and 37 patients (9.3%) in the vinorelbine+cisplatin arm. Deaths within 30 days of last study treatment attributed to study drug occurred in 9 patients (2.2%) in 1 el+cisplatin arm and 8 patients (2.0%) in the vinorelbine+cisplatin arm. The second comparison in the study, vinorelbine+cisplatin versus docetaxel+carboplatin

(which did not demonstrate a superior survival associated with docetaxel, [see Clinical Studies (14.3)]) demonstrated a higher incidence of thrombocytopenia, diarrhea, fluid

retention, hypersensitivity reactions, skin toxicity, alopecia and nail changes on the

ocetaxel+carboplatin arm, while a higher incidence of anemia, neurosensory toxicity,

Combination Therapy with Docetaxel in Patients with Prostate Cancer docetaxel 75 mg/m² every 3 weeks in combination with prednisone 5 mg orally twice daily

Table 9: Clinically Important Treatment-Emergent Adverse Reactions (Regardless

of Relationship) in Patients with Prostate Cancer who Received Docetaxel in

Combination with Prednisone (TAX327)

nausea, vomiting, anorexia and asthenia was observed on the vinorelbine+cisplatin arm.

	every 3 pred 5 mg tv	el 75 mg/m² s weeks + nisone vice daily =332 %	Mitoxantrone 12 mg/r every 3 weeks + prednisone 5 mg twice daily n=335 %		
Adverse Reaction	Any	Grade 3/4	Any	Grade 3/4	
Anemia	67	5	58	2	
Neutropenia	41	32	48	22	
Thrombocytopenia	3	1	8	1	
Febrile Neutropenia	3	N/A	2	N/A	
Infection	32	6	20	4	
Epistaxis	6	0	2	0	
Allergic Reactions	8	1	1	0	
Fluid Retention*	24	1	5	0	
Weight Gain*	8	0	3	0	
Peripheral Edema*	18	0	2	0	
Neuropathy Sensory	30	2	7	0	
Neuropathy Motor	7	2	3	1	
Rash/Desquamation	6	0	3	1	

Docetaxel (doe-se-TAKS-el) Injection, USP

for intravenous use What is the most important information I should know about

Docetaxel Injection? Docetaxel Injection can cause serious side effects, including

The chance of death in people who receive Docetaxel Injection is higher if you:

have liver problems receive high doses of Docetaxel Injection have non-small cell lung cancer and have been treated with chemotherapy medicines that contain platinum

Docetaxel Injection can affect your blood cells. Your healthcare provider should do routine blood tests during treatment with Docetaxel Injection. This will include regular checks of your white blood cell counts. If your white blood cells are too low, your healthcare provider may not treat you with docetaxel until you have enough white blood cells. People with low white blood cell counts can develop life-threatening infections. The earliest sign of infection may be fever. Follow your healthcare provider's instructions for how often to take your temperature during treatment with Docetaxel Injection. Call your healthcare provider right away if you have a fever.

Swelling (inflammation) of the small intestine and colon. This can happen at any time during treatment and could lead to death as early as the first day you get symptoms. Tell your healthcare provider right away if you develop new or worse symptoms of intestinal problems, including stomach (abdominal) pain or tenderness or diarrhea, with or without fever.

Severe allergic reactions are medical emergencies that can happen in people who receive Docetaxel Injection and can lead to death. You may be at higher risk of developing a severe allergic reaction to Docetaxel Injection if you are allergic to paclitaxel. Your healthcare provider will monitor you closely for allergic reactions during your Docetaxel Injection infusion. Tell your healthcare provider right away if you have any of these

What is Docetaxel Injection?

 have liver problems • are pregnant or plan to become pregnant. Docetaxel Injection can harm your unborn baby. You should not become pregnant during treatment with Docetaxel Injection. Tell your healthcare provider if you become pregnant or you think you may be

pregnant during treatment with Docetaxel Injection.

Females who are able to become pregnant:

birth control options that are right for you.

o You should use effective birth control (contraception during treatment with Docetaxel Injection and for 6 months after the last dose Males with female partners who are able to become pregnant should use effective birth control during treatment with Docetaxel Injection and for 3 months after the last dose. Talk to your healthcare provider if you have questions about

are breastfeeding or plan to breastfeed. It is not known if

docetaxel passes into your breast milk. Do not breastfeed

o Your healthcare provider will check to see if you are

pregnant before you start treatment with Docetaxel

during treatment with Docetaxel Injection and for 1 week after The following data are based on the experience of 332 patients, who were treated with Treatment | Trea including prescription and over-the-counter medicines, vitamins, and

therbal supplements. Docetaxel Injection may affect the way other

medicines work, and other medicines may affect the way Docetaxel

Know the medicines you take. Keep a list of them to show your

g healthcare provider and pharmacist when you get a new medicine.

How will I receive Docetaxel Injection?

injection into your vein, usually over 1 hour Docetaxel Injection is usually given every 3 weeks. Your healthcare provider will decide how long you will receive treatment with Docetaxel Injection. Your healthcare provider will check your blood cell counts and other blood tests during your treatment with Docetaxel Injection

Your healthcare provider may stop your treatment, change the

timing of your treatment, or change the dose of your treatment

if you have certain side effects while receiving Docetaxel

to check for side effects of Docetaxel Injection.

Docetaxel Injection will be given to you as an intravenous (IV)

What are the possible side effects of Docetaxel Injection?

Docetaxel Injection may cause serious side effects including See "What is the most important information I should know about Docetaxel Injection?

 Risk of new cancers. An increase in new (second) cancers I 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)

(NHL), and kidney cancer. o Changes in blood counts due to leukemia and other blood disorders may occur years after treatment with Docetaxel Injection

myelodysplastic syndrome (MDS), Non-Hodgkin's Lymphoma

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 Arthralgia 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 | Data in the following table are based on the experience of 221 patients with advanced gastric

 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 dangerous activities right after you receive Docetaxel Injection

· 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 ioint and muscle pain low white blood cells (help nausea and vomiting fight infections), low red

ombocytopenia mouth or lip sores blood cells (anemia), and brile neutropenia low platelets (help blood to hair loss: in some people eutropenic infection permanent hair loss has Allergic reactions allergic reactions (See been reported "What is the most redness of the eve. important information excess tearing should know about skin reactions at the site Docetaxel Injection?" of Docetaxel Injection changes in your sense of administration such as increased skin · shortness of breath pigmentation, redness. tenderness, swelling constipation decreased appetite warmth or dryness of the changes in your fingernails or toenails tissue damage if swelling of your hands, face Docetaxel Injection leaks out of the vein into the 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 $\frac{1}{2}$ Head and Neck Cancer

Medicines are sometimes prescribed for purposes other than those | Table 11 summarizes the safety data obtained from patients that received induction listed in this Patient Information. You can ask your pharmacist or ... chemotherapy with docetaxel injection 75 mg/m² in combination with cisplatin and fluorouracil healthcare provider for information about Docetaxel Injection that is written for health professionals.

What are the ingredients in Docetaxel Injection?

Active ingredient: 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 cortic provider tells you.	costeroid n	nedicine as yo	our healthcare				
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 Take your oral corticosteroid medicine as your healthcare provider tells you.

Oral corticosteroid dosing:

(Docetaxel Injection Treatment Day)

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

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Mfd. by Kindos Pharmaceuticals Co., Ltd. Chengdu, China 611731

Revised: February 2022 LB-528-V1

Mitoxantrone 12 mg/m²

Docetaxel 75 mg/m²

every 3 weeks +

5 mg twice daily

Table 10: Clinically Important Treatment-Emergent Adverse Reactions Regardless of

Relationship to Treatment in the Gastric Cancer Study

ocetaxel 75 mg/m² +

cisplatin 75 mg/m² + luorouracil 750 mg/m²

16 2

arm Injection

ıy % | 3/4 % | Any % | 3/4 % | Any % | 3/4 % | Any % | 3/4 %

25 | 13 | 26

15 5 10

Clinically important treatment-emergent adverse reactions based upon frequency, severity,

Febrile neutropenia: grade ≥2 fever concomitant with grade 4 neutropenia requiring

Stomatitis/Pharyngitis

* Related to treatmen

Adverse Reaction

ever in the absence of

ardiac dysrhythmias

frequency, severity, and clinical impact of the adverse reaction

Altered hearing

Thrombocytopenia

Cancer pain

Weight gain only

leurosensory

Itered hearing

Vomiting

Constipation

cramping

Esophagitis/dysphagia

Taste, sense of smell alt

Gastrointestinal pain/

and clinical impact.

Related to treatment

intravenous antibiotics and/or hospitalization

*** Includes superficial and deep vein thrombosis and pulmonary embolism

Gastric Cancer

every 3 weeks

5 mg twice daily

Cisplatin 100 mg/m²

n=224

Any % Grade 3/4 % Any % Grade 3/4 9

The following adverse reactions have been identified from clinical trials and/or postmarketing rveillance. Because they are reported from a population of unknown size, precise

administration of docetaxel at a different site) at the site of previous extravasation.

Ventricular arrhythmia including ventricular tachycardia has been reported in patients treated with docetaxel in combination regimens including doxorubicin, 5-fluorouracil and/or cyclophosphamide, and may be associated with fatal outcome. Cutaneous: very rare cases of cutaneous lupus erythematosus and rare cases of bullous eruptions such as erythema multiforme, Stevens-Johnson syndrome, toxic epidermal <u>Docetaxel in Combination</u> necrolysis, and Scleroderma-like changes usually preceded by peripheral lymphedema. In some cases multiple factors may have contributed to the development of these effects.

perforation, intestinal obstruction, ileus, and dehydration as a consequence to gastrointestinal response while none of the 25 patients in the CF group had a complete response. Hearing: rare cases of ototoxicity, hearing disorders and/or hearing loss have been reported, cluding cases associated with other ototoxic drugs

treated with docetaxel injection 75 mg/m² in combination with cisplatin and fluorouracil (see Hepatic: rare cases of hepatitis, sometimes fatal primarily in patients with pre-existing liver

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 paclitaxel.

letabolism and Nutrition Disorders: electrolyte imbalance, including cases o hyponatremia, hypokalemia, hypomagnesemia, and hypocalcemia, has been reported. eurologic: confusion, rare cases of seizures or transient loss of consciousness have been observed, sometimes appearing during the infusion of the drug.

Excessive tearing which may be attributable to lacrimal duct obstruction has been reported. Non-small Cell Lung Cancer Rare cases of transient visual disturbances (flashies, flashing lights, scotomata) typically occurring during drug infusion and in association with hypersensitivity reactions have been reported. These were reversible upon discontinuation of the infusion. Cases of cystoid nacular edema (CME) have been reported in patients treated with docetaxel injection

Second Primary Malignancies: second primary malignancies, including AML, MDS, NHL

and renal cancer, have been reported in patients treated with docetaxel injection-containing regimens (see Warnings and Precautions (5.7)).

inhibit, or are metabolized by cytochrome P450 3A4.

Clinically important treatment-emergent adverse reactions were determined based upon 8.1 Pregnancy

Combination Therapy with Docetaxel Injection in Head and Neck Cancer followed by radiotherapy (TAX323; 174 patients) or chemoradiotherapy (TAX324; 251 patients). The treatment regimens are described in Section 14.6. Table 11: Clinically Important Treatment-Emergent Adverse Reactions (Regardless

of Relationship) in Patients with SCCHN Receiving Induction Chemotherapy with Docetaxel Injection in Combination with Cisplatin and Fluorouracil Followed by Radiotherapy (TAX323) or Chemoradiotherapy (TAX324) Docetaxel Comparator Docetaxel Comparator

ocetaxel injection contains alcohol [see Warnings and Precautions (5.13)]. Published experience with this treatment regimen has not identified differences in responses between tudies have demonstrated that alcohol is associated with fetal harm including central elderly and younger patients nervous system abnormalities, behavioral disorders, and impaired intellectual development.

Animal data

8.2 Lactation

Pregnancy Testing

Docetaxel injection can cause fetal harm when administered to a pregnant woman [see 11 DESCRIPTION

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

eproductive potential [see Nonclinical Toxicology (13.1)].

The alcohol content of docetaxel injection should be taken into account when given to pediatric patients [see Warnings and Precautions (5.13)].

The efficacy of docetaxel in pediatric patients as monotherapy or in combination has no peen established. The overall safety profile of docetaxel in pediatric patients receiving pnotherapy or TCF was consistent with the known safety profile in adults.

Docetaxel has been studied in a total of 289 pediatric patients: 239 in 2 trials with molecular weight of 807.88. It is highly lipophilic and practically insoluble in water. nonotherapy and 50 in combination treatment with cisplatin and 5-fluorouracil (TCF

primary dose limiting toxicity was neutropenia. The recommended dose for docetaxel monotherapy was evaluated in a phase 2 single-

Docetaxel was studied in combination with cisplatin and 5-fluorouracil (TCF) versus cisplati and 3-incoordinate (of) for the incodeon determinent or maximizing predicting patients prior to chemoradiation consolidation. Seventy-five patients (median age 16 years, range 9 to 21 years) were randomized (2:1) to docetaxel (75 mg/m²) in combination

Pharmacokinetic parameters for docetaxel were determined in 2 pediatric solid tumor trials. following docetaxel administration at 55 mg/m² to 235 mg/m² in a 1-hour intravenous infusion Hematologic: bleeding episodes. Disseminated intravascular coagulation (DIC), often in every 3 weeks in 25 patients aged 1 to 20 years (median 11 years), docetaxel clearance was

corresponding to an AUC of 4.20±2.57 mcg•h/mL.

In summary, the body surface area adjusted clearance of docetaxel monotherapy and TCF combination in children were comparable to those in adults [see Clinical Pharmacology

In general, dose selection for an elderly patient should be cautious, reflecting the greater frequency of decreased hepatic, renal, or cardiac function and of concomitant disease or

Respiratory: dyspnea, acute pulmonary edema, acute respiratory distress syndrome/ Rare cases of radiation pneumonitis have been reported in patients receiving concomitant and stomatitis (28%) were observed more frequently than in the vinorelbine+cisplatin

Renal: renal insufficiency and renal failure have been reported, the majority of these cases

ocetaxel is a CYP3A4 substrate. In vitro studies have shown that the metabolism of Prostate Cancer ocetaxel may be modified by the concomitant administration of compounds that induce

avoided. In patients receiving treatment with docetaxel injection close monitoring for toxicity respectively. and a docetaxel injection dose reduction could be considered if systemic adminis a potent CYP3A4 inhibitor cannot be avoided [see Dosage and Administration (2.7), Clinical Breast Cance Pharmacology (12.3)].

USE IN SPECIFIC POPULATIONS

the drug-associated risk of major birth defects, miscarriage, or adverse maternal or fetal outcomes. Docetaxel injection contains alcohol which can interfere with neurobehavioral patients. However, the incidence of serious adverse reactions was higher in the elderly patients compared to younger patients. The incidence of the following adverse reactions (all development (see Clinical Considerations). In animal reproductive studies, administration grades, regardless of relationship): lethargy, stomatitis, diarrhea, dizziness, edema, febrile of docetaxet to pregnant rats and rabbits during the period of organogenesis caused an neutropenia/neutropenia infection occurred at rates ≥10% higher in patients who were 65 pears of age or older compared to younger patients. Elderly patients treated with TCF should low as 0.02 and 0.003 times the recommended human dose based on body surface area. be closely monitored espectively (see Data). Advise pregnant women and females of reproductive potential of the

populations is unknown. All pregnancies have a background risk of birth defect, miscarriage, injection in combination with cisplatin and fluorouracil (TPF) for SCCHN in the TAX323 or other adverse outcomes. In the U.S. general population, the estimated background risk and TAX324 studies, 18 (10%) and 32 (13%) of the patients were 65 years of age or older,

ntravenous administration of ≥0.3 and 0.03 mg/kg/day docetaxel to pregnant rats and receive docetaxel injection [see Boxed Warning, Warnings and Precautions (5.2), Clinical rabbits, respectively, during the period of organogenesis caused an increased incidence f intrauterine mortality, resorptions, reduced fetal weights, and fetal ossification delays Maternal toxicity was also observed at these doses, which were approximately 0.02 and The alcohol content of docetaxel injection should be taken into account when given to 0.003 times the daily maximum recommended human dose based on body surface area, patients with hepatic impairment [see Warnings and Precautions (5.13)]

Risk Summary

There is no information regarding the presence of docetaxel in human milk, or on its effects on milk production or the breastfed child. No lactation studies in animals have been neurotoxicity, and mucositis. Patients should receive therapeutic G-CSF as soon as possible conducted. Because of the potential for serious adverse reactions in a breastfed child, advise after discovery of overdose. Other appropriate symptomatic measures should be taken, as omen not to breastfeed during treatment with docetaxel injection and for 1 week after the

8.3 Females and Males of Reproductive Potentia

/erify pregnancy status in females of reproductive potential prior to initiating docetaxel

Use in Specific Populations (8.1)]. Advise females of reproductive potential to use effective contraception during treatment and for 6 months after the last dose of docetaxel injection.

of docetaxel injection. Based on findings in animal studies, docetaxel injection may impair fertility in males of

Body as a whole: diffuse pain, chest pain, radiation recall phenomenon, injection site recall reaction (recurrence of skin reaction at a site of previous extravasation following recommended dose was 125 mg/m² as a 1-hour intravenous infusion every 21 days. The

thrombophlebitis, pulmonary embolism, syncope, tachycardia, myocardial infarction, arm trial in 178 pediatric patients (median age 12 years, range 1-26 years) with a variety of recurrent/refractory solid tumors. Efficacy was not established with tumor response rates ranging from one complete response (CR) (0.6%) in a patient with undifferentiated sarcoma to four partial responses (2.2%) seen in one patient each with Ewing Sarcoma,

Docetaxel was administered in combination with cisplatin and 5-fluorouracil (TCF), at dose levels of 75 mg/m 2 in a 1-hour intravenous infusion day 1 in 28 patients aged 10 to 21 years (median 16 years, 17 patients were older than 16). Docetaxel clearance was 17.9 \pm 8.75 L/h/m 2 ,

n a study conducted in chemotherapy-naïve patients with NSCLC (TAX326), 148 patients (36%) in the docetaxel+cisplatin group were 65 years of age or greater. There were In vitro drug interaction studies revealed that docetaxel is metabolized by the CYP3A4 138 patients (32%) in the vinorelbine-visiplatin group 65 years of age or greater. In the docetaxel+cisplatin group, patients less than 65 years of age or greater. In the 10.3 months (95% CI: 9.1 months, 11.8 months) and patients 65 years or older had a neumonitis, interstitial lung disease, interstitial preumonia, respiratory failure, and pulmonary fibrosis have rarely been reported and may be associated with fatal outcome.

median survival of 12.1 months (95% CI: 9.3 months, 14 months). In patients 65 years of age or greater treated with docetaxel+cisplatin, diarrhea (55%), peripheral edema (39%)

> When docetaxel was combined with carboplatin for the treatment of chemotherapy-naïve, advanced non-small cell lung carcinoma, patients 65 years of age or greater (28%) experienced higher frequency of infection compared to similar patients treated with docetaxel+cisplatin, and a higher frequency of diarrhea, infection and peripheral edema than elderly patients treated with vinorelbine+cisplatin.

Of the 333 patients treated with docetaxel every three weeks plus prednisone in the prostate arriver studies showed that the exposure of docetaxel increased 2.2-fold when it was coadministered with ketoconazole, a potent inhibitor of CYP3A4. Protease inhibitors, treatment-emergent adverse reactions occurred at rates ≥10% higher in patients 65 years particularly ritonavir, may increase the exposure of docetaxel. Concomitant use of docetaxel injection and drugs that inhibit CYP3A4 may increase exposure to docetaxel and should be 24%), nail changes (34% vs. 23%), anorexia (21% vs. 10%), weight loss (15% vs. 5%),

In the adjuvant breast cancer trial (TAX316), docetaxel in combination with doxorubicin and

ether there were differences in safety and efficacy between elderly and younger Based on findings in animal reproduction studies and its mechanism of action, Among the 221 patients treated with docetaxel injection in combination with cisplatin and docataxel injection can cause fetal harm when administered to a pregnant woman (see Clinical Pharmacology (12.1)]. Available data from case reports in the literature and pharmacovigilance with docetaxel use in pregnant women are not sufficient to inform age or older was insufficient to determine whether they respond differently from younger

cyclophosphamide was administered to 744 patients of whom 48 (6%) were 65 years of age

or greater. The number of elderly patients who received this regimen was not sufficient to

Head and Neck Cancer he estimated background risk of major birth defects and miscarriage for the indicated Among the 174 and 251 patients who received the induction treatment with docetaxel

These clinical studies of docetaxel injection in combination with cisplatin and fluorouracil in patients with SCCHN did not include sufficient numbers of patients aged 65 and over to determine whether they respond differently from younger patients. Other reported clinical

Patients with bilirubin >ULN should not receive docetaxel injection. Also, patients with AST and/or ALT >1.5 x ULN concomitant with alkaline phosphatase >2.5 x ULN should not

10 OVERDOSAGE

There is no known antidote for docetaxel injection overdosage. In case of overdosage, the patient should be kept in a specialized unit where vital functions can be closely monitored.

In two reports of overdose, one patient received 150 mg/m² and the other received 200 mg/m² as 1-hour infusions. Both patients experienced severe neutropenia, mild asthenia, cutaneous reactions, and mild paresthesia, and recovered without incident. In mice, lethality was observed following single intravenous doses that were ≥154 mg/kg (about 4.5 times the human dose of 100 mg/m² on a mg/m² basis); neurotoxicity associated with paralysis, non-extension of hind limbs, and myelin degeneration was observed in mice at 48 mg/kg (about 1.5 times the human dose of 100 mg/m² basis). In male and female rats, lethality 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

Docetaxel is an antineoplastic agent belonging to the taxoid family. It is prepared by semisynthesis beginning with a precursor extracted from the renewable needle biomass of yew plants. The chemical name for docetaxel is (2R,3S)-N-carboxy-3-phenylisoserine,N-tert-butyl ester, 13-ester with 5β-20-epoxy-1,2α,4,7β,10β,13α-hexahydroxytax-11-en-9-one 4-acetate 2-benzoate. Docetaxel (anhydrous) has the following structural formula:

Docetaxel is a white to almost-white powder with an empirical formula of C45H55NO14, and a 3 weeks). Two hundred three patients were randomized to docetaxel and 189 to the

Docetaxel Injection, USP is a sterile, nonpyrogenic, clear, colorless to pale yellow solution at following relapse after adjuvant therapy. Three-quarters of patients had measurable, visceral the study results (see Table 12).

etaxel Injection, USP is available in multi-dose vials containing 80 mg (8 mL) or 160 mg (16 mL) docetaxel (anhydrous). Docetaxel Injection, USP requires NO prior dilution with a diluent and is ready to add to the Risk Ratio*, Mortality infusion solution

12 CLINICAL PHARMACOLOGY

Severe hand and foot syndrome has been reported. Cases of permanent alopecia have and 5-fluorouracii (CF) for the induction treatment of nasopharyngeal carcinoma (NPC) in Docetaxel is an antineoplastic agent that acts by disrupting the microtubular network in cells that is essential for mitotic and interphase cellular functions. Docetaxel binds to free tubulin and promotes the assembly of tubulin into stable microtubules while simultaneously inhibiting Gastrointestinal: enterocolitis, including colitis, ischemic colitis, and neutropenic with cisplatin (75 mg/m²) and 5-fluorouracil (750 mg/m²) (TCF) or to cisplatin (80 mg/m²) their disassembly. This leads to the production of microtubule bundles without normal Gastrointestinal: enterfoldoris, including contras, including contrast, inclu bound microtubules, a feature which differs from most spindle poisons currently in clinical

The pharmacokinetics of docetaxel have been evaluated in cancer patients after

Table 13: Efficacy of Docetaxel in the Treatment of Breast Cancer Patients Previously administration of 20 mg/m² to 115 mg/m² in phase 1 studies. The area under the curve (AUC)

Docetaxel's pharmacokinetic profile is consistent with a three-compartment pharm

model, with half-lives for the α , β , and γ phases of 4 minutes, 36 minutes, and 11.1 hours, respectively. Mean total body clearance was 21 L/h/m².

compartment. Mean steady state volume of distribution was 113 L. In vitro studies showed that docetaxel is about 94% protein bound, mainly to α1-acid glycoprotein, albumin, and lipoproteins. In three cancer patients, the in vitro binding to plasma proteins was found to be mately 97%. Dexamethasone does not affect the protein binding of docetaxe

(terminal) phase is due, in part, to a relatively slow efflux of docetaxel from the peripheral

compounds that induce, inhibit, or are metabolized by cytochrome P450 3A4 [see Drug Interactions (7)] age of greater actions and stomatifis (28%) were observed more frequently than in the vinoretunite-displacing and stomatifis (28%) were observed more frequently than in the vinoretunite-displacing group (diarrhea 24%, peripheral edema 20%, stomatifis 20%). Patients treated with docetaxel-cisplatin who were 65 years of age or greater were more likely to experience in both the urine and feces following oxidative metabolism of the tert-butyl ester group, but fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excretion was the main elimination route. Within 7 days, urinary and fecal excre

isoenzyme, and its metabolism may be modified by the concomitant administration of

About 80% of the radioactivity recovered in feces is excreted during the first 48 hours as 1 major and 3 minor metabolites with very small amounts (less than 8%) of unchanged drug. Specific Populations

patients dosed at 100 mg/m². Pharmacokinetic parameters estimated by this analysis were very close to those estimated from phase 1 studies. The pharmacokinetics of docetaxel were not influenced by age.

pulation pharmacokinetics analysis described above also indicated that gender did not influence the pharmacokinetics of docetaxel.

e population pharmacokinetic analysis described above indicated that in patients with clinical chemistry data suggestive of mild to moderate liver impairment (AST and/or ALT >1.5 500 mg/m² (TAC arm), or doxorubicin 50 mg/m² followed by fluorouracil 500 mg/m² and times ULN concomitant with alkaline phosphatase >2.5 times ULN), total body clearance was cyclophosphamide 500 mg/m² (FAC arm). Both regimens were administered every 3 weeks lowered by an average of 27%, resulting in a 38% increase in systemic exposure (AUC). This average, however, includes a substantial range and there is, at present, no measurement that would allow recommendation for dose adjustment in such patients. Patients with combined abnormalities of transaminase and alkaline phosphatase should not be treated with docetaxel injection. Patients with severe hepatic impairment have not been studied [see at participating institutions and was given to 69% of patients who received TAC and 72% of Warnings and Precautions (5.2), Use in Specific Populations (8.6)].

Mean total body clearance for Japanese patients dosed at the range of 10 mg/m² to 90 mg/m significant difference in the elimination of docetaxel in the two populations.

Drug Interaction Studies The effect of ketoconazole (a strong CYP3A4 inhibitor) on the pharmacokinetics of docetaxel was investigated in 7 cancer patients. Patients were randomized to receive Figure 1 - TAX316 Disease Free Survival K-M curve either docetaxel (100 mg/m² intravenous) alone or docetaxel (10 mg/m² intravenous) in combination with ketoconazole (200 mg orally once daily for 3 days) in a crossover design with a 3-week washout period. The results of this study indicated that the mean

se-normalized AUC of docetaxel was increased 2.2-fold and its clearance was

educed by 49% when docetaxel was coadministered with ketoconazole [see Dosage and Administration (2.7), Drug Interactions (7)].

Dexamethasone: Docetaxel total body clearance was not modified by pretreatment with Cisplatin: Clearance of docetaxel in combination therapy with cisplatin was similar to that previously observed following monotherapy with docetaxel. The pharmacokinetic cisplatin alone. Cisplatin and Fluorouracil: The combined administration of docetage cisplatin and prouracil in 12 patients with solid tumors had no influence on the pharmacokinetics of

each individual drug. Prednisone: A population pharmacokinetic analysis of plasma data from 40 patients with metastatic castration-resistant prostate cancer indicated that docetaxel systemic clearance in combination with prednisone is similar to that observed following administration of docetaxel alone.

Cyclophosphamide and Doxorubicin: A study was conducted in 30 patients with advanced breast cancer to determine the potential for drug-drug interactions between docetaxel (75 mg/m²), doxorubicin (50 mg/m²), and cyclophosphamide (500 mg/m²) when administered in combination. The coadministration of docetaxel had no effect on the pharmacokinetics of doxorubicin and cyclophosphamide when the three drugs were only. In addition, doxorubicin and cyclophosphamide had no effect on docetaxel plasma clearance when the three drugs were given in combination compared to historical data

NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Carcinogenicity studies with docetaxel have not been performed.

to 1/15th the recommended human dose on a mg/m² basis). Docetaxel was not mutagenic in the Ames test or the CHO/HGPRT gene mutation assays. Docetaxel did not reduce fertility in rats when administered in multiple intravenous dose of up to 0.3 mg/kg (about 1/50th the recommended human dose on a mg/m² basis), but decreased testicular weights were reported. This correlates with findings of a 10-cycle toxicity study (dosing once every 21 days for 6 months) in rats and dogs in which testicular atrophy or degeneration was observed at intravenous doses of 5 mg/kg in rats and 0.375 mg/kg in dogs (about 1/3rd and 1/15th the recommended human dose on a mg/m² basis, respectively An increased frequency of dosing in rats produced similar effects at lower dose levels.

14 CLINICAL STUDIES

14.1 Locally Advanced or Metastatic Breast Cancer The efficacy and safety of docetaxel have been evaluated in locally advanced or metastatic breast cancer after failure of previous chemotherapy (alkylating agent-containing regimens or anthracycline-containing regimens).

The efficacy and safety of docetaxel has been evaluated in patients with unresectable, locally advanced or metastatic non-small cell lung cancer whose disease has failed prior platinul based chemotherapy or in patients who are chemotherapy-naïve. In one randomized trial, patients with a history of prior treatment with an anthracycline-containing agimen were assigned to treatment with docetaxel (100 mg/m² every 3 weeks) or the ombination of mitomycin (12 mg/m² every 6 weeks) and vinblastine (6 mg/m² every

endpoint was time to progression. The following table summarizes Table 12: Efficacy of Docetaxel in the Treatment of Breast Cancer Patients Previously

> One trial (TAX317), randomized patients with locally advanced or metastatic non-small cell lung cancer, a history of prior platinum-based chemotherapy, no history of taxane exposure, and an ECOG performance status \$2 to docetaxel or best supportive care. The primary endpoint of the study was survival. Patients were initially randomized to docetaxel 100 mg/m² or best supportive care, but early toxic deaths at this dose led to a dose reduction continuously docetaxel 75 mg/m². A total of 104 patients were randomized in this amended study to either docetaxel 75 mg/m² or best supportive care.

In a second randomized trial (TAX320), 373 patients with locally advanced or metastatic non-small cell lung cancer, a history of prior platinum-based chemotherapy, and an ECOG erformance status ≤2 were randomized to docetaxel 75 mg/m², docetaxel 100 mg/m² 18 and Figure 5 and a treatment in which the investigator chose either vinorelibine 30 mg/m² days 1, 8, and 15 repeated every 3 weeks or ifosfamide 2 g/m² days 1-3 repeated every 3 weeks. Forty

Table 18: Efficacy of Docetaxel in the Treatment of Patients with Metastatic Castration percent of the patients in this study had a history of prior paclitaxel exposure. The primary indpoint was survival in both trials. The efficacy data for the docetaxel 75 mg/m2 arm an ne comparator arms are summarized in Table 15 and Figures 3 and 4 showing the survival curves for the two studies.

regimen were assigned to treatment with docetaxel (100 mg/m²) or doxorubicin (75 mg/m²) every

3 weeks. One hundred sixty-one patients were randomized to docetaxel and 165 patients

o doxorubicin. Approximately one-half of patients had received prior chemotherapy fo

metastatic disease, and one-half entered the study following relapse after adjuvant therapy

time to progression. The study results are summarized below (see Table 13).

Three-quarters of patients had measurable, visceral metastases. The primary endpoint was

Treated with an Anthracycline-Containing Regimen (Intent-to-Treat Analysis)

11.4 months 8.7 months

(n=189)

Log Ran

(n=203)

Docetaxel: Control)

5% CI (Risk Ratio)

ocetaxel: Conf

5% CI (Risk Rat

Complete Respo

verall Response Rate

Median Time to Progression

For the risk ratio, a value less than 1.00 favors docetaxel

with an Alkylating-C	ontaining Regime	en (Intent-to-Treat	Analysis)		75 mg/m ² n=55	Care n=49	75 mg/m ² n=125	Control (V/I*) n=123
neter	Docetaxel (n=161)	Doxorubicin (n=165)	p-value	Overall Survival Log-rank Test	p=0	1.01	p=	0.13
rtality htrol)	14.7 months 14.3 months 0.89		p=0.39 Log Rank	Risk Ratio ^{††} , Mortality (Docetaxel: Control) 95% CI (Risk Ratio)	0.· (0.35,			.82 3, 1.06)
Progression	0.68 6.5 months	5.3 months		Median Survival 95% CI	7.5 months** (5.5, 12.8)	4.6 months (3.7, 6.1)	5.7 months (5.1, 7.1)	5.6 months (4.4, 7.9)
gression htrol)		0.93		% 1-year Survival 95% CI	37%** [†] (24, 50)	12% (2, 23)	30%** [†] (22, 39)	20% (13, 27)
atio) se Rate	45.3%	-1.16 29.7%	p=0.004	Time to Progression 95% CI	12.3 weeks** (9.0, 18.3)	7.0 weeks (6.0, 9.3)	8.3 weeks (7.0, 11.7)	7.6 weeks (6.7, 10.1)
onse Rate 6.8% 4.2% Chi Squitio, a value less than 1.00 favors docetaxel.		Chi Square	Response Rate 95% CI	5.5% (1.1, 15.1)	Not Applicable	5.7% (2.3, 11.3)	0.8% (0.0, 4.5)	
io, a value less than 1.00 lavors docetaxel.					/		, ,	, , ,

with advanced breast cancer who progressed or relapsed after one prior chemotherapy regimen, 527 patients were randomized to receive docetaxel monotherapy 60 mg/m² (n=151), † a value less than 1.00 favors docetaxe 75 mg/m² (n=188) or 100 mg/m² (n=188). In this trial, 94% of patients had metastatic disease Response rates increased with docetaxel dose: 19.9% for the 60 mg/m² group compared to 22.3% for the 75 mg/m² and 29.8% for the 100 mg/m² group; pair-wise comparison between Figure 3 - TAX317 Survival K-M Curves -Docetaxel 75 mg/m² vs. Best Supportive Care

mong these, 190 patients had anthracycline-resistant breast cancer, defined as progressic during an anthracycline-containing chemotherapy regimen for metastatic disease, or relapse during an anthracycline-containing adjuvant regimen. In anthracycline-resistant patients, the verall response rate was 37.9% (72/190; 95% CI: 31.0-44.8) and the complete response A population pharmacokinetic analysis was carried out after docetaxel treatment of 535 Docetaxel was also studied in three single arm Japanese studies at a dose of 60 mg/m², in 174 patients who had received prior chemotherapy for locally advanced or metastatic breast

le response rate was 34.6% (95% Cl: 17.2–55.7), similar to the response rate in single arm

Docetaxel at a dose of 100 mg/m² was studied in six single arm studies involving a total

of 309 patients with metastatic breast cancer in whom previous chemotherapy had failed

In another multicenter open-label, randomized trial (TAX313), in the treatment of patients

the 60 mg/m² and 100 mg/m² groups was statistically significant (p=0.037).

14.2 Adjuvant Treatment of Breast Cancer A multicenter, open-label, randomized trial (TAX316) evaluated the efficacy and safety of docetaxel for the adjuvant treatment of patients with axillary-node-positive breast cance and no evidence of distant metastatic disease. After stratification according to the numbe of positive lymph nodes (1-3, 4+), 1491 patients were randomized to receive either patients who received FAC.

esults from a second interim analysis (median follow-up 55 months) are as follows: In study TAX316, the docetaxel-containing combination regimen TAC showed significantly onger disease-free survival (DFS) than FAC (hazard ratio=0.74; 2-sided 95% CI=0.60, 0.92, was similar to that of European/American populations dosed at 100 mg/m², suggesting no stratified log rank p=0.0047). The primary endpoint, disease-free survival, included local and distant recurrences, contralateral breast cancer and deaths from any cause. The overall eduction in risk of relapse was 25.7% for TAC-treated patients (see Figure 1)

At the time of this interim analysis, based on 219 deaths, overall survival was longer for TAC analysis at the time survival data mature.

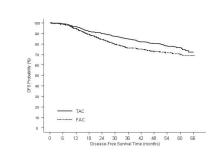
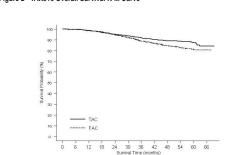


Figure 2 - TAX316 Overall Survival K-M Curve



Docetaxel was clastogenic in the *in vitro* chromosome aberration test in CHO-K₁ cells and in the *in vivo* micronucleus test in mice administered doses of 0.39 to 1.56 mor/ko (about 1/60 n to 1/60 n).

Table 14: Subset Analyses-Adjuvant Breast Cancer Study

		Disease Free Survival Overall Surviv			Survival
Patient subset	Number of patients	Hazard ratio*	95% CI	Hazard ratio*	95% CI
No. of positive nodes					
Overall	744	0.74	(0.60, 0.92)	0.69	(0.53, 0.90)
1-3	467	0.64	(0.47, 0.87)	0.45	(0.29, 0.70)
4+	277	0.84	(0.63, 1.12)	0.93	(0.66, 1.32)
Receptor status					
Positive	566	0.76	(0.59, 0.98)	0.69	(0.48, 0.99)
Negative	178	0.68	(0.48, 0.97)	0.66	(0.44, 0.98)

14.3 Non-small Cell Lung Cancer (NSCLC)

comparator arm. Most patients had received prior chemotherapy for metastatic disease; only 27 patients on the docetaxel arm and 33 patients on the comparator arm entered the study

Two randomized, controlled trials established that a docetaxel dose of 75 mg/m² was The safety and efficacy of docetaxel in combination with prednisone in patients with tolerable and yielded a favorable outcome in patients previously treated with platinum-based chemotherapy (see below). Docetaxel at a dose of 100 mg/m², however, was associated with active control trial. A total of 1006 patients with Karnofsky Performance Status (KPS) ≥60 The primary endpoint in this study, progression-free survival (PFS), was significantly longer unacceptable hematologic toxicity, infections, and treatment-related mortality and this dose should not be used [see Boxed Warning, Dosage and Administration (2.7), Warnings and

Table 15: Efficacy of Docetaxel in the Treatment of Non-small Cell Lung Cancer

Patients Previously Treated with a Platinum-Based Chemotherapy Regimen (Intent-to-

					, 195% CI	I (0.6
	TAX	317	TA	X320	p-value*	(0.0
	Docetaxel 75 mg/m ² n=55	Best Supportive Care n=49	Docetaxel 75 mg/m ² n=125	Control (V/I*) n=123	* Stratified log-rank test. Th	
Overall Survival Log-rank Test	p=0	1.01	p=	=0.13	Figure 3 - IAX327 Survivar	K-W Curves
Risk Ratio ^{††} , Mortality (Docetaxel: Control) 95% CI (Risk Ratio)	0.: (0.35,	56 0.88)).82 3, 1.06)	0.9	A. C.
Median Survival 95% CI	7.5 months** (5.5, 12.8)	4.6 months (3.7, 6.1)	5.7 months (5.1, 7.1)	5.6 months (4.4, 7.9)	0.8· \(\sum_ 0.7\)	The same of the sa
% 1-year Survival 95% CI	37%** [†] (24, 50)	12% (2, 23)	30%** [†] (22, 39)	20% (13, 27)	0.00 PROBABILITY	,
Time to Progression 95% CI	12.3 weeks** (9.0, 18.3)	7.0 weeks (6.0, 9.3)	8.3 weeks (7.0, 11.7)	7.6 weeks (6.7, 10.1)	TW 0.4	
Response Rate	5.5%	Not Applicable	5.7%	0.8%	S 0.3	

uncorrected for multiple comparison:

Only one of the two trials (TAX317) showed a clear effect on survival, the primary endpoint that trial also showed an increased rate of survival to one year. In the second study (TAX320 the rate of survival at one year favored docetaxel 75 mg/m².

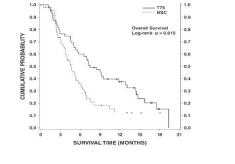
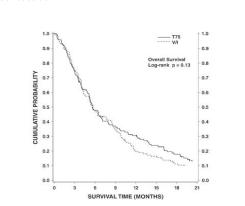


Table 19: Efficacy of Docetaxel Injection in the Treatment of Patients with Gastric



Patients treated with docetaxel at a dose of 75 mg/m² experienced no deterioration in performance status and body weight relative to the comparator arms used in these trials. Combination Therapy with Docetaxel for Chemotherapy-Naïve NSCLC

In a randomized controlled trial (TAX326), 1218 patients with unresectable stage IIIB or IV to 60 minutes every 3 weeks; vinorelbine 25 mg/m² administered over 6 - 10 minutes on days 1, 8, 15, 22 followed by cisplatin 100 mg/m² administered on day 1 of cycles repeated every 4 weeks; or a combination of docetaxel and carboplating

The primary efficacy endpoint was overall survival. Treatment with docetaxel+cisplatin did

not result in a statistically significantly superior survival compared to vinorelbine+cisplatin (see table below). The 95% confidence interval of the hazard ratio (adjusted for interim

an outcome ranging from a 6% inferior to a 26% superior survival compared to the addition

of vinorelbine to cisplatin. The results of a further statistical analysis showed that at least (the

risons) shows that the addition of docetaxel to cisplatin results i

(0.74, 1.06)

lower bound of the 95% confidence interval) 62% of the known survival effect of vinorelbin when added to cisplatin (about a 2-month increase in median survival; Wozniak et al. JCO, 1998) was maintained. The efficacy data for the docetaxel+cisplatin arm and the comparator

arm are summarized in Table 16.	r the docetaxel+cisplatin	arm and the comparat			
Table 16: Survival Analysis of Docetaxel in Combination Therapy for Chemotherapy Naïve NSCLC					
Comparison	Docetaxel + Cisplatin n=408	Vinorelbine + Cisplati n=405			
Kaplan-Meier Estimate of Median Survival	10.9 months	10.0 months			
p-value ^a	0.122				
Estimated Hazard Ratio ^b	0.88				

From the superiority test (stratified log rank) comparing docetaxel+cisplatin to

Hazard ratio of docetaxel+cisplatin versus vinorelbine+cisplatin. A hazard ratio of less than 1 indicates that docetaxel+cisplatin is associated with a longer survival. Adjusted for interim analysis and multiple comparisons. The second comparison in the same three-arm study, vinorelbine+cisplatin versus

14.6 Head and Neck Cancer docetaxel+carboplatin, did not demonstrate superior survival associated with the docetaxel arm (Kaplan-Meier estimate of median survival was 9.1 months for docetaxel+carboplate compared to 10.0 months on the vinorelbine+cisplatin arm) and the docetaxel+carboplati

Adjusted 95% CI°

Kaplan-Meier estimates

and time to progression. There was no statistically significant difference between docetaxel+cisplatin and vinorelbine+cisplatin with respect to objective response and time to Table 17: Response and TTP Analysis of Docetaxel in Combination Therapy for

arm did not demonstrate preservation of at least 50% of the survival effect of vinorelbine

dded to cisplatin. Secondary endpoints evaluated in the trial included objective response

Chemotherapy-Naive NSCLC				
Endpoint	Docetaxel + Cisplatin	Vinorelbine + Cisplatin	p-value	
Objective Response Rate (95% CI) ^a	31.6% (26.5%, 36.8%)	24.4% (19.8%, 29.2%)	Not Significa	
Median Time to Progression ^b (95% CI) ^a	21.4 weeks (19.3, 24.6)	22.1 weeks (18.1, 25.6)	Not Significa	
a Adjusted for multiple of	comparisons.			

Docetaxel 75 mg/m² every 3 weeks for 10 cycles.

Mitoxantrone 12 mg/m² every 3 weeks for 10 cycles.

All 3 regimens were administered in combination with prednisone 5 mg twice daily,

In the docetaxel every three week arm, a statistically significant overall survival advantage

was demonstrated compared to mitoxantrone. In the docetaxel weekly arm, no overa

survival advantage was demonstrated compared to the mitoxantrone control arm. Efficac results for the docetaxel every 3 week arm versus the control arm are summarized in Table

Resistant Prostate Cancer (Intent-to-Treat Analysis)

every 3 weeks

* Stratified log-rank test. Threshold for statistical significance = 0.0175 because of 3 arms.

0.0 3 6 9 12 15 18 21 24 27 30 SURVIVAL TIME (MONTHS)

efficacy of docetaxel injection for the treatment of patients with advanced gastri

adenocarcinoma, including adenocarcinoma of the gastroesophageal junction, who ha

not received prior chemotherapy for advanced disease. A total of 445 patients with kPS >70 were treated with either docetaxel injection (T) (75 mg/m² on day 1) in combination

or cisplatin (100 mg/m² on day 1) and fluorouracil (1000 mg/m² per day for 5 days). The

ength of a treatment cycle was 3 weeks for the TCF arm and 4 weeks for the CF arm.

The demographic characteristics were balanced between the two treatment arms. The

median age was 55 years, 71% were male, 71% were Caucasian, 24% were 65 years of

age or older, 19% had a prior curative surgery and 12% had palliative surgery. The median

compared to 4 (with a range of 1-12) for the CF arm. Time to progression (TTP) was the primary endpoint and was defined as time from randomization to disease progression or

death from any cause within 12 weeks of the last evaluable tumor assessment or within 12 weeks of the first infusion of study drugs for patients with no evaluable tumor assessm

with a significantly longer TTP (p=0.0004) in the TCF arm. Approximately 75% of patients

had died at the time of this analysis. Overall survival was significantly longer (p=0.0201

n the TCF arm with a HR of 1.29 (95% CI: 1.04-1.61). Efficacy results are summarized in

(4.86-5.91)

(8.38-10.58)

(0.62-0.96)

(7.16-9.46)

Table 19 and Figures 6 and 7.

ledian TTP (months)

Overall Response Rate (CR+PR) (%)

Figure 6 - Gastric Cancer Study (TAX325) Time to Progression K-M Curve

Figure 7 - Gastric Cancer Study (TAX325) Survival K-M Curve

Induction Chemotherapy Followed by Radiotherapy (TAX323)

0 3 6 9 12 15 18 21 24 27 30 33 36

The safety and efficacy of docetaxel injection in the induction treatment of patients

with squamous cell carcinoma of the head and neck (SCCHN) was evaluated in a multicenter, open-label, randomized trial (TAX323). In this study, 358 patients with

inoperable locally advanced SCCHN, and WHO performance status 0 or 1, were

randomized to one of two treatment arms. Patients on the docetaxel injection arm received docetaxel injection (T) 75 mg/m² followed by cisplatin (P) 75 mg/m² on Day 1

followed by fluorouracil (F) 750 mg/m² per day as a continuous infusion on Days 1

The cycles were repeated every three weeks for 4 cycles. Patients whose disease d not progress received radiotherapy (RT) according to institutional guidelines (TPI

RT). Patients on the comparator arm received cisplatin (P) 100 mg/m² on Day 1, followed by fluorouracil (F) 1000 mg/m²/day as a continuous infusion on Days 1-5. The cycles were repeated every three weeks for 4 cycles. Patients whose disease did

not progress received RT according to institutional guidelines (PF/RT). At the end of

chemotherapy, with a minimal interval of 4 weeks and a maximal interval of 7 weeks, patients whose disease did not progress received radiotherapy (RT) according to

institutional guidelines. Locoregional therapy with radiation was delivered either with conventional fraction regimen (1.8 Gy-2.0 Gy once a day, 5 days per week for a tota

Jnstratified log-rank test

number of cycles administered per patient was 6 (with a range of 1-16) for the TCF arm

Docetaxel + Prednisone | Mitoxantrone + Prednison

every 3 weeks

(14.4-18.6)

with a minimum interfraction interval of 6 hours, 5 days per week, for a total dose of 70 to 74 Gy, respectively). Surgical resection was allowed following chemotherapy, before

in the TPF arm compared to the PF arm, p=0.0077 (median PFS: 11.4 vs. 8.3 months, respectively) with an overall median follow-up time of 33.7 months. Median overall survival with a median follow-up of 51.2 months was also significantly longer in favor of the TPF arm Store at 20° to 25°C (68° to 77°F). [See USP Controlled Room Temperature.] Occetaxel 30 mg/m² administered weekly for the first 5 weeks in a 6-week cycle for 5 compared to the PF arm (median OS: 18.6 vs. 14.2 months, respectively). Efficacy results are presented in Table 20 and Figures 8 and 9.

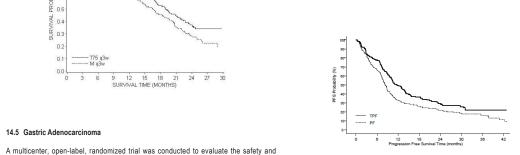
> Table 20: Efficacy of Docetaxel Injection in the Induction Treatment of Patients with Inoperable Locally Advanced SCCHN (Intent-to-Treat Analysis)

Endpoint	Docetaxel + Cisplatin + Fluorouracil n=177	Cisplatin + Fluorouracil n=181
Median progression free survival (months) (95% CI)	11.4 (10.1-14.0)	8.3 (7.4-9.1)
Adjusted Hazard ratio (95% C1) p-value	0.71 (0.56-0.91) 0.0077	
Median survival (months) (95% CI)	18.6 (15.7-24.0)	14.2 (11.5-18.7)
Hazard ratio 95% Ct) **p-value	0.71 (0.56-0.90) 0.0055	
Best overall response (CR + PR) to chemotherapy (%) (95% CI)	67.8 (60.4-74.6)	53.6 (46.0-61.0)
***p-value	0.006	
Best overall response (CR + PR) to study treatment [chemotherapy +/- radiotherapy] (%)	72.3 (65.1-78.8)	58.6 (51.0-65.8)
(95% CI) ***p-value	0.006	

A hazard ratio of less than 1 favors docetaxel+cisplatin+fluorouracil Stratified log-rank test, not adjusted for multiple comparisons

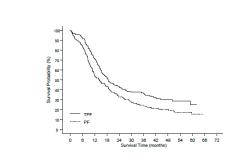
*** Chi square test, not adjusted for multiple comparisons

Figure 8 - TAX323 Progression-Free Survival K-M Curve



with cisplatin (C) (75 mg/m² on day 1) and fluorouracil (F) (750 mg/m² per day for 5 days)

Figure 9 - TAX323 Overall Survival K-M Curve



The safety and efficacy of docetaxel injection in the induction treatment of patients with <a href="Importance of Corticosteroid: "Importance of Corticoste

Induction Chemotherapy Followed by Chemoradiotherapy (TAX324)

with locally advanced SCCHN, and a WHO performance status of 0 or 1, were randomized provider if they were not compliant with the oral corticosteroid regimen [see Dosage and injection (T) 75 mg/m² by intravenous infusion on day 1 followed by cisplatin (P) 100 mg/m² administered as a 30-minute to three-hour intravenous infusion, followed by the continuous

Embryo-Fetal Toxicity enous infusion of fluorouracil (F) 1000 mg/m²/day from day 1 to day 4. The cycles were Docetaxel injection can cause fetal harm. Advise patients to inform their healthcare repeated every 3 weeks for 3 cycles. Patients on the comparator arm received cisplatin provider of a known or suspected pregnancy. Advise patients to avoid becoming pregnancy. (P) 100 mg/m² as a 30-minute to three-hour intravenous infusion on day 1 followed by the while receiving this drug. Advise female patients of reproductive potential to use effective cvcles were repeated every 3 weeks for 3 cycles.

weeks of chemoradiotherapy (CRT) following induction chemotherapy 3 to 8 weeks after For the hazard ratio (TCF/CF), values less than 1.00 favor the docetaxel injection arm. the start of the last cycle, During radiotherapy, carboplatin (AUC 1.5) was given weekly as a one-hour intravenous infusion for a maximum of 7 doses. Radiation was delivered with Advise women not to breastfeed during docetaxel injection treatment and for 1 week after the megavoltage equipment using once daily fractionation (2 Gy per day, 5 days per week for 7 last dose [see Use in Specific Populations (8.2)]. weeks for a total dose of 70-72 Gy). Surgery on the primary site of disease and/or neck could

= 0.0058) with the docetaxel injection-containing regimen compared to PF [median OS: 70.6 versus 30.1 months respectively, hazard ratio (HR) = 0.70, 95% confidence interval (CI) =

0.54–0.90]. Overall survival results are presented in Table 21 and Figure 10. Table 21: Efficacy of Docetaxel Injection in the Induction Treatment of Patients with Locally Advanced SCCHN (Intent-to-Treat Analysis) n=255 n=246 Median overall survival (months) (20.9-51.5) (49.0-NE)

A hazard ratio of less than 1 favors docetaxel+cisplatin+fluorouracil un-adjusted log-rank test

Figure 10 -TAX324 Overall Survival K-M Curve

- TPF (n=255) - PF (n=246)

supplied as follows:

16 HOW SUPPLIED/STORAGE AND HANDLING

NE - not estimable

"OSHA Hazardous Drugs." http://www.osha.gov/SLTC/hazardousdrugs/index.html

0 6 12 18 24 30 36 42 48 54 60 66 72

Number of patients at risk TPF: 255 234 196 176 163 136 105 72 52 45 37 20 11 PF: 246 223 169 146 130 107 85 57 36 32 28 10 7

Docetaxel Injection, USP is a non-aqueous, clear, colorless to pale yellow solution, and is

dose of 66 to 70 Gv) or with an accelerated/hyperfractionated regimen (twice a Docetaxel Injection, USP (10 mg per mL) Package Factor 71288-144-08 80 mg per 8 mL (10 mg per mL) Multi-Dose Vial 1 vial per carton 71288-**144**-16 160 mg per 16 mL (10 mg per mL) Multi-Dose Vial 1 vial per carton

Retain in the original package to protect from light. Freezing does not adversely affect

After first use and following multiple needle entries and product withdrawals. Docetaxe n, USP multi-dose vials are stable for up to 28 days when stored between 2° and 8°C

(36° and 46°F) and protected from light.

Docetaxel Injection, USP is a cytotoxic drug. Follow applicable special handling and disposal

Discard unused portion of the single-dose vial.

he container closure is not made with natural rubber latex. 17 PATIENT COUNSELING INFORMATION

Sterile, Nonpyrogenic, Preservative-free

Advise the patient to read the FDA-approved patient labeling (Patient Information). Advise patients that periodic assessment of their blood count will be performed to detect

neutropenia, thrombocytopenia, and/or anemia [see Contraindications (4), Warnings and

cautions (5.3)]. Instruct patients to monitor their temperature frequently and immediately report any occurrence of fever vise patients of the symptoms of colitis, such as abdominal pain or tenderness, and/

or diarrhea, with or without fever, and instruct patients to promptly contact their healthcare provider if they experience these symptoms [see Dosage and Administration (2.7), Warnings and Precautions (5.4)].

their healthcare provider signs of a hypersensitivity reaction [see Contraindications (4), Warnings and Precautions (5.5)]. Advise patients to report signs of fluid retention such as peripheral edema in the lower extremities, weight gain, and dyspnea immediately to their healthcare provider [see Warnings

Ask patients whether they have previously received paclitaxel therapy, and if they have

experienced a hypersensitivity reaction to paclitaxel. Instruct patients to immediately report

Second Primary Malignancies dvise patients on the risk of second primary malignancies during treatment with docetaxel injection [see Warnings and Precautions (5.7)].

dvise patients that localized erythema of the extremities and severe skin toxicities may

occur. Instruct patients to immediately report severe cutaneous reactions to their healthcare

provider [see Dosage and Administration (2.7), Warnings and Precautions (5.8)].

healthcare provider [see Warnings and Precautions (5.10)].

Reactions (6)].

Other Common Adverse Reactions

dvise patients that neurosensory symptoms or peripheral neuropathy may occur. Instruct patients to immediately report neurologic reactions to their healthcare provider [see Dosage and Administration (2.7), Warnings and Precautions (5.9)].

Advise natients that vision disturbances and excessive tearing are associated with docetaxel

jection administration. Instruct patients to immediately report any vision changes to their

xplain to patients that nausea, vomiting, diarrhea, and constipation are associated with docetaxel injection administration. Instruct patients to report any severe events to their healthcare provider [see Adverse Reactions (6)]. rise patients to report any irregular and/or rapid heartbeat, severe shortness of

breath, dizziness, and/or fainting immediately to their healthcare provider [see Adverse

dvise patients that other common adverse reactions associated with docetaxel injection

may include alopecia (cases of permanent hair loss have been reported), asthenia, anorexia, dysgeusia, mucositis, myalgia, nail disorders, or pain. Instruct patients to report these reactions to their healthcare provider if serious events occur (see Adverse Reactions (6)) locally advanced (unresectable, low surgical cure, or organ preservation) SCCHN was evaluated in a randomized, multicenter open-label trial (TAX324). In this study, 501 patients,

contraceptives during treatment and for 6 months after the last dose of docetaxel injection contraception during treatment and for 3 months after the last dose of docetaxel injection All patients in both treatment arms who did not have progressive disease were to receive Isee Warnings and Precautions (5.12), Use in Specific Populations (8.1, 8.3)].

se males of reproductive potential that docetaxel injection may impair fertility (see The primary efficacy endpoint, overall survival (OS), was significantly longer (log-rank test, p Nonclinical Toxicology (13.1)]. explain to patients the possible effects of the alcohol content in docetaxel injection, including

possible effects on the central nervous system [see Warnings and Precautions (5.13)].

xel injection may impair their ability to drive or operate

docetaxel injection [see Warnings and Precautions (5.13)]. Advise them not to drive or use machines if they experience these side effects during treatment Inform nations about the risk of drug interactions and the importance of providing a list of prescription and non-prescription drugs to their healthcare provider [see Drug

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Ability to Drive or Operate Machines

Interactions (7)].