



The incidences of severe hematologic toxicities, infections, mucositis, and cardiovascular events increased with higher doses of doxorubicin.

#### Breast Cancer After Failure of Initial Chemotherapy

For the 458 patients who received single-agent paclitaxel in the Phase 3 breast carcinoma study, the following table shows the incidence of important adverse events by treatment arm (each arm was administered by a 3-hour infusion).

**TABLE 14. FREQUENCY OF IMPORTANT ADVERSE EVENTS IN THE PHASE 3 STUDY OF BREAST CANCER AFTER FAILURE OF INITIAL CHEMOTHERAPY OR WITHIN 6 MONTHS OF ADJUVANT CHEMOTHERAPY**

	Percent of Patients		
	T15P (n=229)	T82P (n=229)	
<b>• Bone Marrow</b>			
- Neutropenia	< 2,000/mm <sup>3</sup>	90	81
	< 500/mm <sup>3</sup>	28	19
- Thrombocytopenia	< 100,000/mm <sup>3</sup>	11	7
	< 50,000/mm <sup>3</sup>	3	2
- Anemia	< 11 g/dL	55	47
	< 8 g/dL	4	2
- Infections	23	15	
- Fibrin Neutropenia	2	2	
<b>• Hypersensitivity Reaction*</b>			
- All	38	31	
- Severe†	0	<1	
<b>• Peripheral Neuropathy</b>			
- Any symptoms	70	48	
- Severe symptoms‡	7	3	
<b>• Mucositis</b>			
- Any symptoms§	23	17	
- Severe¶	3	<1	

\*Based on worst course analysis.  
†Paclitaxel dose in mg/m<sup>2</sup>/infusion duration in hours.  
‡Severe events as defined as at least Grade III toxicity.  
§Severe events as defined as at least Grade III toxicity.

Myelosuppression and peripheral neuropathy were dose related. There was one severe hypersensitivity reaction (HSR) observed at the dose of 135 mg/m<sup>2</sup>.

#### First-Line NSCLC in Combination

In the study conducted by the Eastern Cooperative Oncology Group (ECOG), patients were randomized to either paclitaxel (T 135 mg/m<sup>2</sup> as a 24-hour infusion in combination with cisplatin (c) 75 mg/m<sup>2</sup>, paclitaxel (T) 261 mg/m<sup>2</sup> as a 3-hour infusion in combination with cisplatin (c) 75 mg/m<sup>2</sup> with G-CSF support, or cisplatin (c) 75 mg/m<sup>2</sup> on day 1, followed by etoposide (E) 100 mg/m<sup>2</sup> on days 1, 2, and 3 (control).

The following table shows the incidence of important adverse events.

**TABLE 15. FREQUENCY OF IMPORTANT ADVERSE EVENTS IN THE PHASE 3 STUDY FOR FIRST-LINE NSCLC**

	Percent of Patients			
	T135/24 (n=195)	T261/3 (n=171)	WT100/3 (n=195)	
<b>• Bone Marrow</b>				
- Neutropenia	< 2,000/mm <sup>3</sup>	89	86	84
	< 500/mm <sup>3</sup>	74	65	55
- Thrombocytopenia	< normal	48	48	62
	< 50,000/mm <sup>3</sup>	6	12	16
- Anemia	< normal	94	96	95
	< 8 g/dL	22	19	26
- Infections	38	31	35	
<b>• Hypersensitivity Reaction*</b>				
- All	16	27	13	
- Severe†	1	4*	1	
<b>• Arthralgia/Myalgia</b>				
- Any symptoms	21*	42*	9	
- Severe symptoms‡	3	11	1	
<b>• Nausea/Vomiting</b>				
- Any symptoms	85	87	81	
- Severe symptoms§	27	29	22	
<b>• Mucositis</b>				
- Any symptoms	18	28	16	
- Severe symptoms¶	1	4	2	
<b>• Neurotoxicity</b>				
- Any symptoms	37	47	44	
- Severe symptoms**	6	12	7	
<b>• Neurosensory Toxicity</b>				
- Any symptoms	48	61	25	
- Severe symptoms††	13	28*	8	
<b>• Cardiovascular Events</b>				
- Any symptoms	33	39	24	
- Severe symptoms‡‡	13	12	8	

\*Based on worst course analysis.  
†Paclitaxel (T) dose in mg/m<sup>2</sup>/infusion duration in hours; cisplatin (c) dose in mg/m<sup>2</sup>.  
‡Paclitaxel (T) dose in mg/m<sup>2</sup>/infusion duration in hours with G-CSF support; cisplatin dose in mg/m<sup>2</sup>.  
§Paclitaxel (T) dose in mg/m<sup>2</sup> was administered by day 1, 2, and 3 control.  
¶p < 0.05.  
\*\*All patients received premedication.  
††Severe events as defined as at least Grade III toxicity.

Toxicity was generally more severe in the high-dose paclitaxel treatment arm (T261/3) than in the low-dose paclitaxel arm (T135/24). Compared to the cisplatin/etoposide arm, patients in the low-dose paclitaxel arm experienced less arthralgia/myalgia and severe neutropenia.

The incidence of fibrin neutropenia was not reported in this study.

Kaposi's Sarcoma

The following table shows the frequency of important adverse events in the 85 patients with KS treated with 2 different single-agent paclitaxel regimens.

**TABLE 16. FREQUENCY OF IMPORTANT ADVERSE EVENTS IN THE AIDS-RELATED KAPOSI'S SARCOMA STUDIES**

	Percent of Patients		
	Study CA133-174 Paclitaxel 135/3 P 3 wk (n=28)	Study CA133-281 Paclitaxel 100/3 P q 2 wk (n=36)	
<b>• Bone Marrow</b>			
- Neutropenia	< 2,000/mm <sup>3</sup>	70	65
	< 500/mm <sup>3</sup>	18	35
- Thrombocytopenia	< 100,000/mm <sup>3</sup>	52	27
	< 50,000/mm <sup>3</sup>	17	5
- Anemia	< 11 g/dL	86	73
	< 8 g/dL	34	25
- Infections	55	9	
<b>• Opportunistic Infection</b>			
- Any	45	54	
- Cryptococcosis	76	27	
- Herpes simplex	28	11	
- Pneumocystis carinii	14	21	
- M. avium intracellulare	24	4	
- Candidiasis, esophageal	7	9	
- Cryptosporidiosis	7	7	
- Cytocytomegalovirus	3	2	
- Leucosarcoidosis	3	2	
<b>• Hypersensitivity Reaction*</b>			
- All	14	9	

**TABLE 16. FREQUENCY OF IMPORTANT ADVERSE EVENTS IN THE AIDS-RELATED KAPOSI'S SARCOMA STUDIES (Cont'd.)**

	Percent of Patients	
	Study CA133-174 Paclitaxel 135/3 P 3 wk (n=28)	Study CA133-281 Paclitaxel 100/3 P q 2 wk (n=36)
<b>• Cardiovascular</b>		
- Hypotension	17	9
- Bradycardia	3	-
<b>• Peripheral Neuropathy</b>		
- Any	79	46
- Severe†	10	2
<b>• Myalgia/Arthralgia</b>		
- Any	93	48
- Severe†	14	16
<b>• Gastrointestinal</b>		
- Nausea and Vomiting	69	70
- Diarrhea	90	73
- Nausea	45	20
<b>• Renal (creatinine elevation)</b>		
- Any	34	18
- Severe†	7	5
<b>• Discontinuation for drug toxicity</b>	7	16

\*Based on worst course analysis.

†Paclitaxel dose in mg/m<sup>2</sup>/infusion duration in hours.

‡All patients received premedication.

§Severe events as defined as at least Grade III toxicity.

#### Adverse Event Experiences by Body System

The following discussion refers to the overall safety database of 812 patients with solid tumors treated with single-agent paclitaxel in clinical studies. Toxicities that occurred with greater severity or frequency in previously untreated patients with ovarian carcinoma or NSCLC who received paclitaxel in combination with cisplatin or in patients with breast cancer who received paclitaxel after doxorubicin/cyclophosphamide in the adjuvant setting and that occurred with a difference that was clinically significant in these populations are also described.

The frequency and severity of important adverse events for the Phase 3 ovarian carcinoma, breast carcinoma, NSCLC, and the Phase 2 Kaposi's sarcoma carcinoma studies are presented above in tabular form by treatment arm. In addition, rare events have been reported from postmarketing experience or from other clinical studies. The frequency and severity of adverse events have been generally similar for patients receiving paclitaxel for the treatment of ovarian, breast, or lung carcinoma or Kaposi's sarcoma, but patients with AIDS-related Kaposi's sarcoma may have more frequent and severe hematologic toxicity, infections (including opportunistic infections, see TABLE 16), and fibrin neutropenia. These patients experience a lower dose intensity and supportive care (see **CLINICAL STUDIES, AIDS-Related Kaposi's Sarcoma**). Toxicities that were observed only in or were noted to be more frequent with the 24-hour than with the 3-hour infusion, infusion duration and that occurred with a difference that was clinically significant in this population are described. Elevated liver function tests and renal toxicity have a higher incidence in KS patients as compared to patients with solid tumors.

#### Hematologic

Bone marrow suppression was the major dose-limiting toxicity of paclitaxel. Neutropenia, the most important hematologic toxicity, was dose and schedule dependent and was generally rapidly reversible. Among patients treated in the Phase 3 second-line ovarian study with a 3-hour infusion, neutrophil counts declined below 500 cells/mm<sup>3</sup> in 14% of the patients treated with a dose of 135 mg/m<sup>2</sup> compared to 27% at a dose of 175 mg/m<sup>2</sup> (p=0.05). In the same study, severe neutropenia (<500 cells/mm<sup>3</sup>) was more frequent with the 24-hour than with the 3-hour infusion; infusion duration had a greater impact on myelosuppression than dose. Neutropenia did not appear to increase with cumulative exposure and did not appear to be more frequent nor more severe for patients previously treated with radiation therapy.

In the study where paclitaxel was administered to patients with ovarian carcinoma at a dose of 135 mg/m<sup>2</sup> 24 hours in combination with cisplatin versus the control arm of cyclophosphamide plus cisplatin, the incidences of grade IV neutropenia and fibrin neutropenia were significantly greater in the paclitaxel plus cisplatin arm than in the control arm. Grade IV neutropenia occurred in 81% on the paclitaxel plus cisplatin arm versus 58% on the cyclophosphamide plus cisplatin arm. Fibrin neutropenia occurred in 15% and 4% respectively. On the paclitaxel/cisplatin arm, there were 35/1,074 (3%) courses with fever in which Grade IV neutropenia was reported at some time during the course. When paclitaxel followed by cisplatin was administered to patients with advanced NSCLC in the ECOG study, the incidences of Grade IV neutropenia were 74% (paclitaxel 135 mg/m<sup>2</sup>/24 hours followed by cisplatin) and 65% (paclitaxel 250 mg/m<sup>2</sup>/24 hours followed by cisplatin and G-CSF) compared with 55% in patients who received cisplatin/etoposide.

Fever was frequent (12% of all treatment courses). Infectious episodes occurred in 30% of all patients and 26% of the patients treated with a dose of 135 mg/m<sup>2</sup> or 175 mg/m<sup>2</sup> given as a 3-hour infusions respectively. Urinary tract infections and upper respiratory tract infections were the most frequently reported infectious complications. In the immunosuppressed patient population with advanced HIV disease and poor-risk AIDS-related Kaposi's sarcoma, 81% of the patients receiving severe neutropenia experienced infection (see **CLINICAL STUDIES, AIDS-Related Kaposi's Sarcoma**). The use of supportive therapy, including G-CSF, is recommended for patients who have experienced severe neutropenia (see **DOSE AND ADMINISTRATION**).

Thrombocytopenia was reported. Twenty percent of the patients experienced a drop in their platelet count below 100,000 cells/mm<sup>3</sup> at least once while on treatment; 7% had a platelet count <50,000 cells/mm<sup>3</sup> at the time of their worst nadir. Bleeding episodes were reported in 4% of all courses and by 14% of all patients but most of the hemorrhagic episodes were localized and the frequency of these events was unrelated to the paclitaxel dose and schedule. In the Phase 3 second-line ovarian study, bleeding episodes were reported in 10% of the patients; no patients treated with the 3-hour infusion received platelet transfusions. In the adjuvant breast carcinoma trial, the incidence of severe thrombocytopenia and platelet transfusions increased with higher doses of doxorubicin.

Anemia (Hb <11 g/dL) was observed in 78% of all patients and was severe (Hb <8 g/dL) in 16% of the cases. No consistent relationship between dose or schedule and the frequency of anemia was observed. Among all patients with normal baseline hemoglobin, 69% became anemic on study but only 7% had severe anemia. Red cell transfusions were required in 25% of all hemoglobin, 69% became anemic on study but only 7% had severe anemia. Red cell transfusions were required in 25% of all patients and in 12% of those with normal baseline hemoglobin levels.

#### Hypersensitivity Reactions (HSRs)

All patients received premedication prior to paclitaxel administration (see **WARNINGS and PRECAUTIONS: Hypersensitivity Reactions**). The HSRs were not affected by the dose or schedule of paclitaxel administration. In the Phase 3 second-line ovarian study, the 3-hour infusion was not associated with a greater increase in HSRs when compared to the 24-hour infusion. Hypersensitivity reactions were observed in 20% of all courses and in 41% of all patients. These reactions were severe in less than 2% of the patients and 1% of the courses. No severe reactions were observed after courses 3 and 4 or severe symptoms occurred generally within the first hour of paclitaxel infusion. The most frequent symptoms observed during these severe reactions were dyspnea, flushing, chest pain, and tachycardia. Abdominal pain, pain in the extremities, diaphoresis, and hypertension were also noted.

The minor hypersensitivity reactions consisted mostly of flushing (28%), rash (12%), hypotension (4%), dyspnea (2%), tachycardia (2%), and hypertension (1%). The frequency of hypersensitivity reactions remained relatively stable during the entire treatment period.

Chills, shock, and back pain in association with hypersensitivity reactions have been reported.

#### Cardiovascular

Hypotension, during the first 3 hours of infusion, occurred in 12% of all patients and 3% of all courses administered. Bradycardia, during the first 3 hours of infusion, occurred in 3% of all patients and 1% of all courses. In the Phase 3 second-line ovarian study, neither dose nor schedule had an effect on the frequency of hypotension and bradycardia. These vital sign changes most often caused no symptoms and required neither specific therapy nor treatment discontinuation. The frequency of hypotension and bradycardia were not influenced by prior antiemetic therapy.

Significant cardiovascular events possibly related to single-agent paclitaxel occurred in approximately 1% of all patients. These events included syncope, rhythm abnormalities, hypertension, and venous thrombosis. One of the patients with syncope treated with paclitaxel at 175 mg/m<sup>2</sup> over 24 hours had progressive hypotension and died. The arrhythmias included asymptomatic ventricular tachycardia, bigeminy and complete AV block requiring pacemaker placement. Among patients with NSCLC treated with paclitaxel in combination with cisplatin in the Phase 3 study, significant cardiovascular events occurred in 12 to 13%. This apparent increase in cardiovascular events is possibly due to an increase in cardiovascular risk factors in patients with lung cancer.

Electrocardiogram (ECG) abnormalities were common among patients at baseline. ECG abnormalities on study did not usually result in symptoms, were not dose-limiting, and required no intervention. ECG abnormalities were noted in 23% of all patients. Among patients with a normal ECG prior to study entry, 14% of all patients developed an abnormal tracing while on study. The most frequently reported ECG modifications were non-specific repolarization abnormalities, sinus bradycardia, sinus tachycardia, and premature beats. Among patients with normal ECGs at baseline, prior therapy with antiarrhythmics did not influence the frequency of ECG abnormalities.

Cases of myocardial infarction have been reported. Congestive heart failure, including cardiac dysfunction and reduction of left ventricular ejection fraction or ventricular failure, has been reported typically in patients who have received other cytotoxic, notably anthracyclines (see **PRECAUTIONS, Drug Interactions**).

Atrial fibrillation and supraventricular tachycardia have been reported.

#### Respiratory

Interstitial pneumonia, lung fibrosis, and pulmonary embolism have been reported.

Radiation pneumonitis has been reported in patients receiving concurrent radiotherapy.

Pleural effusion and respiratory failure have been reported.

#### Neurologic

The assessment of neurologic toxicity was conducted differently among the studies as evident from the data reported in each individual study (see **TABLES 10 to 16**). Moreover, the frequency and severity of neurologic manifestations were influenced by prior and/or concomitant therapy with other neurotoxic agents.

In general, the frequency and severity of neurologic manifestations were dose-dependent in patients receiving single-agent paclitaxel. Peripheral neuropathy was observed in 66% of all patients (2% severe) and 52% (2% severe) of the patients without pre-existing neuropathy. The frequency of peripheral neuropathy increased with cumulative dose. Paresthesia commonly occurs in the form of hypoaesthesia. Neurologic symptoms were observed in 27% of the patients after the first course of treatment and in 34 to 51% from course 2 to 10. Peripheral neuropathy was the cause of paclitaxel discontinuation in 1% of all patients. Sensory symptoms have usually improved or resolved within several months of paclitaxel discontinuation. Pre-existing neuropathies resulting from prior therapies are not contraindications for paclitaxel therapy.

In the Intergroup first-line ovarian carcinoma study (see **TABLE 11**), neurotoxicity included reports of neuromotor and neurosensory toxicity. The regimen with paclitaxel 175 mg/m<sup>2</sup> given by 3-hour infusion plus cisplatin 75 mg/m<sup>2</sup> resulted in greater incidence and severity of neurotoxicity than the regimen containing cyclophosphamide and cisplatin, 57% (21% severe) versus 52% (2% severe), respectively. The duration of grade III or IV neurotoxicity cannot be determined with precision for the intergroup study since the resolution dates of adverse events were not collected in the case report forms for this trial and complete follow-up documentation was available only in a minority of these patients. In the ECOG first-line ovarian carcinoma study, neurotoxicity was reported as peripheral neuropathy. The regimen with paclitaxel 135 mg/m<sup>2</sup> given by 24-hour infusion plus cisplatin 75 mg/m<sup>2</sup> resulted in an incidence of neurotoxicity that was similar to the regimen containing cyclophosphamide plus cisplatin, 25% (3% severe) versus 20% (0% severe), respectively. Cross-study comparison of neurotoxicity in the Intergroup and GOG trials suggests that when paclitaxel is given in combination with cisplatin 75 mg/m<sup>2</sup>, the incidence of severe neurotoxicity is more common at a paclitaxel dose of 175 mg/m<sup>2</sup> given by 3-hour infusion (21% than at a dose of 135 mg/m<sup>2</sup> given by 24-hour infusion (3%).

In patients with NSCLC, administration of paclitaxel followed by cisplatin resulted in a greater incidence of severe neurotoxicity compared to the incidence in patients with ovarian or breast cancer treated with single-agent paclitaxel. Severe neurosensory symptoms were noted in 13% of NSCLC patients receiving paclitaxel 135 mg/m<sup>2</sup> by 24-hour infusion followed by cisplatin 75 mg/m<sup>2</sup> and 8% of NSCLC patients receiving cisplatin/etoposide (see **TABLE 15**).

Other than peripheral neuropathy, serious neurologic events following paclitaxel administration have been rare (<1%) and have included grand mal seizures, syncope, ataxia, and neuroleptic malignant syndrome.

Autonomic neuropathy resulting in paralytic ileus has been reported. Optic nerve and/or visual disturbances (scintillating scotomata) have also been reported, particularly in patients who have received higher doses than those recommended. These effects generally have been reversible.

However, reports in the literature of abnormal visual evoked potentials in patients have suggested persistent optic nerve damage. Postmarketing reports of ototoxicity (hearing loss and tinnitus) have also been reported. Convulsions, dizziness, and headache have been reported.

#### Arthralgia/Myalgia

There was no consistent relationship between dose or schedule of paclitaxel and the frequency or severity of arthralgia/myalgia. Sixty percent of all patients treated with paclitaxel in combination with cisplatin experienced severe symptoms. The symptoms were usually transient, occurred 2 or 3 days after paclitaxel administration, and resolved within 1 week. The frequency and severity of musculoskeletal symptoms remained unchanged throughout the treatment period.

#### Hepatic

No relationship was observed between liver function abnormalities and either dose or schedule of paclitaxel administration. Among patients with normal baseline liver function 7%, 22%, and 19% had elevations in bilirubin, alkaline phosphatase, and AST (SGOT), respectively. Prolonged exposure to paclitaxel was not associated with cumulative hepatic toxicity. Hepatic necrosis and hepatic encephalopathy leading to death have been reported.

#### Renal

Among the patients treated for Kaposi's sarcoma with paclitaxel, 5 patients had renal toxicity of grade III or IV severity. One patient with suspected HIV nephropathy of grade IV severity had to discontinue therapy. The other 4 patients had renal insufficiency with reversible elevations of serum creatinine. Patients with gynecological cancers treated with paclitaxel and cisplatin may have an increased risk of renal failure with the combination therapy of paclitaxel and cisplatin in gynecological cancers as compared to cisplatin alone.

#### Gastrointestinal (GI)

Nausea/vomiting, diarrhea, and mucositis were reported by 52%, 28%, and 31% of all patients, respectively. These manifestations were usually mild to moderate. Mucositis was schedule dependent and occurred more frequently with the 24-hour than with the 3-hour infusion.

In patients with poor-risk AIDS-related Kaposi's sarcoma, nausea/vomiting, diarrhea, and mucositis were reported by 69%, 79%, and 28% of patients, respectively. One-third of patients with Kaposi's sarcoma complained

of diarrhea prior to study start (see **CLINICAL STUDIES: AIDS-Related Kaposi's Sarcoma**).

In the first-line Phase 3 ovarian carcinoma studies, the incidence of nausea and vomiting when paclitaxel was administered in combination with cisplatin appeared to be greater compared to the database for single-agent paclitaxel in ovarian and breast carcinoma. In addition, diarrhea of any grade was reported more frequently compared to the control arm, but there was no difference for severe diarrhea in these studies.

Intestinal obstruction, intestinal perforation, pancreatitis, ischemic colitis, dehydration, esophagitis, constipation, and ascites have been reported. Neutropenic enterocolitis (typhlitis), despite the coadministration of G-CSF, was observed in patients treated with paclitaxel alone and in combination with other chemotherapeutic agents.

Injection Site Reaction

Injection site reactions, including reactions secondary to extravasation, were usually mild and consisted of erythema, tenderness, skin discoloration, or swelling at the injection site. These reactions have been observed more frequently with the 24-hour infusion than with the 3-hour infusion. Recurrence of skin reactions at a site of previous extravasation following administration of paclitaxel at a different site, i.e., "recall", has been reported.

More severe events such as phlebitis, cellulitis, induration, skin erosion, necrosis, and fibrosis have been reported. In some cases the onset of the injection site reaction either occurred during a prolonged infusion or was delayed by a week to 10 days.

A specific treatment for extravasation reactions is unknown at this time. Given the possibility of extravasation, it is advisable to closely monitor the infusion site for possible infiltration during drug administration.

#### Other Clinical Events

Alpecia was observed in almost all (87%) of the patients. Transient skin changes due to paclitaxel-related hypersensitivity reactions have been observed, but no other skin toxicities were significantly associated with paclitaxel administration. Hair changes (changes in pigmentation or discoloration of nail beds) were uncommon (2%). Edema was reported in 21% of all patients (11% of those on control baseline). Edema was reported in 21% of all patients and none of these patients required treatment discontinuation. Edema was most commonly focal and disease-related. Edema was observed in 5% of all courses for patients with normal baseline and did not increase with time on study.

Skin abnormalities related to radiation recall as well as maculopapular rash, pruritus, Stevens-Johnson syndrome, and toxic epidermal necrolysis have been reported. In postmarketing experience, diffuse edema, thickening, and sclerosing of the skin have been reported following paclitaxel administration. Paclitaxel has been reported to exacerbate signs and symptoms of scleroderma.

Reports of asthenia and malaise have been received as part of the continuing surveillance of paclitaxel safety. In the Phase 3 trial of paclitaxel 135 mg/m<sup>2</sup> over 24 hours in combination with cisplatin as first-line therapy of ovarian cancer, asthenia was reported in 17% of the patients, significantly greater than the 10% incidence observed in the control arm of cyclophosphamide/cisplatin.

Conjunctivitis, increased lachrimation, anorexia, confusion/stare, photopsia, visual floaters, vertigo, and increase in blood creatinine have been reported.

#### Accidental Exposure

Upon inhalation, dyspnea, chest pain, burning eyes, sore throat, and nausea have been reported. Following topical exposure, events have included tingling, burning, and redness.

To report SUSPECTED ADVERSE REACTIONS, contact Fresenius Kabi USA, LLC at 1-800-551-7176 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

#### OVERDOSAGE

There is no known antidote for paclitaxel overdosage. The primary anticipated complications of overdosage would consist of bone marrow suppression, peripheral neuropathy, and mucositis.

Overdoses in pediatric patients may be associated with acute ethanol toxicity (see **PRECAUTIONS, Pediatric Use**).

#### NOTE AND ADMINISTRATION

**NOTE:** Contact of the undiluted concentrate 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 bags or sets, diluted paclitaxel solutions should be stored in bottles (glass, polypropylene) or plastic bags (polypropylene, polyolefin) and administered through polyethylene-lined administration sets.

All patients should be premedicated prior to paclitaxel administration in order to prevent severe hypersensitivity reactions. The recommended course of dexamethasone 20 mg PO administered approximately 12 and 6 hours before paclitaxel, diphenhydramine (or its equivalent) 50 mg IV, 30 to 60 minutes prior to paclitaxel, and oral acetaminophen (500 mg) or paracetamol (50 mg IV, 30 to 60 minutes before paclitaxel).

For patients with carcinoma of the ovary, the following regimens are recommended (see **CLINICAL STUDIES, Ovarian Carcinoma**):

1. For previously untreated patients with carcinoma of the ovary, one of the following recommended regimens may be given every 3 weeks. In selecting the appropriate regimen, no significant weight loss in potency have been noted following simultaneous delivery of the solution through I.V. tubing containing an in-line (0.22 micron) filter.

Data collected for the presence of the extractable plasticizer DEHP in 0.2% Sodium Chloride Injection, USP; 5% Dextrose Injection, USP; 5% Dextrose and 0.9% Sodium Chloride Injection, USP; or 5% Dextrose in Ringers Injection to a final volume of 100 to 1,200 mL. The solutions are physically and chemically stable for up to 27 hours at ambient temperature (approximately 25°C) and room lighting conditions. Parenteral emulsions should be prepared and stored in plastic containers. The solutions should be discarded if they contain any visible particles or discoloration prior to administration whenever solution and container permit.

Upon preparation, solutions may show haziness, which is attributed to the formation of a fine precipitate. No significant weight loss in potency have been noted following simultaneous delivery of the solution through I.V. tubing containing an in-line (0.22 micron) filter.

Data collected for the presence of the extractable plasticizer DEHP in 0.2% Sodium Chloride Injection, USP; 5% Dextrose Injection, USP; 5% Dextrose and 0.9% Sodium Chloride Injection, USP; or 5% Dextrose in Ringers Injection to a final volume of 100 to 1,200 mL. The solutions are physically and chemically stable for up to 27 hours at ambient temperature (approximately 25°C) and room lighting conditions. Parenteral emulsions should be prepared and stored in plastic containers. The solutions should be discarded if they contain any visible particles or discoloration prior to administration whenever solution and container permit.

Upon preparation, solutions may show haziness, which is attributed to the formation of a fine precipitate. No significant weight loss in potency have been noted following simultaneous delivery of the solution through I.V. tubing containing an in-line (0.22 micron) filter.

Data collected for the presence of the extractable plasticizer DEHP in 0.2% Sodium Chloride Injection, USP; 5% Dextrose Injection, USP;