

CHEMO EFFECTS COUNTERMEASURES \*\*\*\* 5/25/2007 for L L P

Tx: Taxotere - eliminated from body –excreted – in first 3 days – residual in the cells

CONDITIONS	SOURCE	EFFECTS	COUNTERMEASURES
Allergic reactions	hypersensitivity reaction, especially during the first and second infusions	Hypersensitivity reactions may be signaled by very rapid onset of itching/ flushing, redness / rash of facial skin, palms of hands and/or reddening and itching of whites of eyes (erythema). Blood pressure may fall rapidly (hypotension) and/or you may feel bronchospasm (inability to breath). According to the manufacturer, this allergic reaction occurred in 2.2% of 92 patients premedicated with 3-day corticosteroids.	*** stop
Nausea Vomiting			* Zofran (constipating) * Marijuana pills
Infection Symptoms Fever Neutropenia	WBC low neutrophils	Temp oral over 100.4 F Temp EAR over 100.4 F ? (RR 2 to 7.5)	* Emergency Dept * Antibiotics * NO dental work * Neulasta (Neulasta caused paralytic pain 2nd cycle - Percocet helped the 3rd cycle)
	Granulocytopenia		* G-CSF Neupogen (Filgrastim)
Bruising Bleeding	Low Platelets	PLTS <20 (RR 380) Easy bleeding	* Numega (Oprelvekin) * Transfusion
Anemia	Low HGB below 120		* Aranesp, Procrit, Epogen (Erythropoietins alpha & beta)
Fatigue	Chemo build up with time		* Rest more
Diarrhea			* Immodin-AD, Lomotil * Low fibre food & avoid gas * Not longer than 24 hrs – action required
Constipation			* Colace & Senekot * Citrucel better than Metamucil (gas) * Up fibre & fluid & exercise * Not longer than 3 days – action required
Embolism & DVT		Postive D-DIMER test	* Action needed
Heartburn			* Antacids

CHEMO EFFECTS COUNTERMEASURES \*\*\*\* 5/25/2007 for L L P

Tx: Taxotere - eliminated from body –excreted – in first 3 days – residual in the cells

Bowel inflammation			<ul style="list-style-type: none"> <li>* Low acid foods</li> <li>* Bentyl for the stomach discomfort caused by the decadron</li> </ul>
Mouth sores / throat irritation tumor acts as a 'glutamine trap' depleting the host of glutamine and resulting in cachexia (weight loss)		body's need for glutamine can increase dramatically following injury, infection, or the progression of cancer and in these cases, the need for glutamine can exceed the ability of the body to supply it; glutamine is one of the major energy sources needed for the gastrointestinal tract cells to recover from chemotherapy;	<ul style="list-style-type: none"> <li>* Rinse salt/baking soda mixture</li> <li>* Avoid metals</li> <li>* Antiviral Herpes labialis breakout</li> <li>* Ice in mouth during infusion</li> <li>* Glutamine rinse mouthwash 2 X/day</li> <li>* Oral glutamine (as a mouthwash)</li> </ul> <p>glutamine seems to prevent gut and oral toxic side-effects, and may increase the effectiveness of some chemotherapy</p> <ul style="list-style-type: none"> <li>* 10 g X 4/day during any chemotherapy treatments</li> <li>* Glutamine heaping teaspoon full twice a day, except the day of chemotherapy (Glutamine is a white powder that doesn't dissolve well. Stir well and use a cold to warm to hot liquid when mixing it. The decomposition temperature of glutamine is 185°C)</li> </ul>
			<ul style="list-style-type: none"> <li>* infusion of ethylol with each chemotherapy - No problems with my fingers -- only toes.</li> </ul>
Muscle pain Joint pain			
Hair loss			<ul style="list-style-type: none"> <li>* Rub head with contents of 4 to 6 Vit E pills - (w olive oil) - night before, night of and night after chemo - just before bed and cover head in tee shirt to control messing sheets</li> <li>* 2 x 200cc carrot juice, 2 x 300 cc cabbage juice + turmeric - didn't loose hair with juicing.</li> </ul>
Edema / swelling		DVT???	
Hand / feet		?	
Dry skin Skin irritations - Rash			<ul style="list-style-type: none"> <li>* Vit E</li> <li>* Aquaphore for feet and hands (dry skin)</li> </ul>
Eye tearing			<ul style="list-style-type: none"> <li>* Eye drops four times a day for dry eyes</li> <li>* night before, night of and night after chemo - few vit E pills rub over eye lids - to protect tear ducts</li> <li>* any glaucoma, prednisone may increase your intraocular pressure</li> </ul>
Nail changes			<ul style="list-style-type: none"> <li>* Ice on finger nails during infusion</li> <li>* Vit E pills rub onto fingers and toes - to protect nails - night before, night of and night after chemo - repeat for a couple or three nights again mid-cycle, around day 10.</li> </ul>
Nose bleeds			<ul style="list-style-type: none"> <li>* bioflavinoids to reduce nose bleeds</li> </ul>

CHEMO EFFECTS COUNTERMEASURES \*\*\*\* 5/25/2007 for L L P

Tx: Taxotere - eliminated from body –excreted – in first 3 days – residual in the cells

Tingling		?	
Tremors		?	
Sleep Problems			* Melatonin
Weakness		Anemia?	
Numbness			
Emotional		Low E2 ?	* Estradiol patches or gel
Photosensitivity		?	
Odd sensations		?	

**TAXOTERE 75 mg/m<sup>2</sup> every 3 weeks**  
**+ prednisone 5 mg twice daily**  
**Number of men in trial = 332**

**Side effect**

**Anemia** Low hemoglobin (red cell) count. If severe may cause fatigue. Can be treated with Procrit®, Aranesp®, or blood transfusion.

**Neutropenia** - low neutrophil (white blood cell) count. Makes you more vulnerable to infection. May lead to treatment interruption until counts recover. Can be treated with Neupogen® or Neulasta®.

**Thrombocytopenia** - low platelets (the cells that form blood clots that stop bleeding). May cause purple blotches on skin especially at site of injections. Chemo will be interrupted (delayed) if platelets fall below a certain level. Severe drop (not common in this trial) may bring on a medical emergency (bleeding) requiring hospitalization and platelet transfusion.

**Febrile neutropenia** - fever and a significant reduction in white blood cells. Any temperature over 100.5 F (Fahrenheit) or 37.5 C (Celsius) should be reported to the medical oncologist without delay and you should go to the ER (Urgent Care) for work up and antibiotics.

**Infection**

**Epistaxis** (nosebleed)

[Allergic Reactions](#), [Hypersensitivity reactions](#) see below

**Fluid Retention\***

**Peripheral Edema\***- Fluid retention and swelling in feet, ankles, legs or arms

**Weight Gain\***

**Neuropathy Sensory-** Nerve damage causing tingling or pain, usually in feet or hands

CHEMO EFFECTS COUNTERMEASURES \*\*\*\* 5/25/2007 for L L P

Tx: Taxotere - eliminated from body –excreted – in first 3 days – residual in the cells

**Neuropathy Motor** - Weakness but no tingling, pain or numbness. Cramps or muscle twitching may be present.

**Rash/ Flaking skin**

**Alopecia - Hair loss**

**Nail Damage -- keeping finger tips and toes in ice water during the chemo may help. See "[Frozen Glove Reduces Skin and Nail Damage from Docetaxel Chemotherapy](#)" (NCI)**

**Nausea**

**Diarrhea**

**Stomatitis/Pharyngitis - mouth sores**

**Taste Disturbance** may be a metallic taste

**Vomiting**

**Anorexia** - weight loss from lack of interest in food

**Cough**

**Dyspnea** shortness of breath

**Impaired cardiac left ventricular function**

**Fatigue**

**Arthralgia** joint pain

**Myalgia** aches and pains, muscle pain

**Irritated, teary eyes**

use artificial tears during and after each treatment to flush the Taxotere from the surface of the eye to prevent this problem.

If it persists, tearing can be relieved by a tiny silicone tube inserted in the irritated tear ducts. If you are taking Taxotere and your eyes tear too much, tell your cancer doctor and get checked by an eye doctor who has experience placing these tubes.