

DOSE MODIFICATIONS:1. **Hematology:** on treatment day

ANC (x 10 ⁹ /L)		Platelets (x 10 ⁹ /L)	Dose
greater than or equal to 1	and	greater than or equal to 90	100%
less than 1	or	less than 90	Omit dose; recheck labs in one week
<i>If two consecutive doses are omitted then abandon cycle. After toxicity has resolved begin new cycle at 75% of previous dose.</i>			

2. **Non-Hematologic Toxicities:** may include

- Mucositis
- Transient truncal rash
- Fatigue
- Nausea
- If doses must be omitted for Grade 2 toxicity twice in previous cycles, then commence next cycle at 75% dose when treatment is resumed.
- For Grade 3 toxicity, delay treatment until resolution of symptoms, then resume at 75% dose.
- For Grade 4 toxicity, discontinue treatment.
- Doses reduced for toxicity should not be re-escalated.

Grade	Stomatitis	Diarrhea	Dose
1	Painless ulcers, erythema or mild soreness	Increase of 2 to 3 stools/day or mild increase in loose watery colostomy output	100%
2	Painful erythema, edema, or ulcers but can eat	Increase of 4 to 6 stools, or nocturnal stools or moderate increase in loose watery colostomy output	Omit until toxicity resolved then resume at 100%
3	Painful erythema, edema, or ulcers and cannot eat	Increase of 7 to 9 stools/day or incontinence, malabsorption; or severe increase in loose watery colostomy output	Omit until toxicity resolved then resume at 75%
4	Mucosal necrosis, requires parenteral support	Increase of 10 or more stools/day or grossly bloody diarrhea, or grossly bloody colostomy output or loose watery colostomy output requiring parenteral I support; dehydration	Omit until toxicity resolved then resume at 50%.

PRECAUTIONS:

1. **Neutropenia:** Fever or other evidence of infection must be assessed promptly and treated aggressively.
2. **Renal Dysfunction:** Irreversible renal failure associated with hemolytic uremic syndrome may occur (rare). Use caution with pre-existing renal dysfunction.
3. **Pulmonary Toxicity:** Acute shortness of breath may occur. Discontinue treatment if drug-induced pneumonitis is suspected.
4. **Possible interaction with warfarin has** been reported and may occur at any time. Close monitoring is recommended (monitor INR weekly during gemcitabine therapy and for 1 to 2 months after discontinuing gemcitabine treatment).

Call Dr. Susan Ellard or tumour group delegate at (250) 712-3900 or 1-888-563-7773 with any problems or questions regarding this treatment program.

Date Activated: 01 July 2008

Date Revised: 1 Jul 2017 (Minot typo corrected)