

**ECOG**  
**COMMON TOXICITY CRITERIA**

		0	1	2	3	4
Leukopenia	WBC x 10 <sup>3</sup> Granulocytes/Bands Lymphocytes	≥4.0 ≥2.0 ≥2.0	3.0 - 3.9 1.5 - 1.9 1.5 - 1.9	2.0 - 2.9 1.0 - 1.4 1.0 - 1.4	1.0 - 1.9 0.5 - 0.9 0.5 - 0.9	<1.0 <0.5 <0.5
Thrombocytopenia	Plt x 10 <sup>3</sup>	WNL	75.0 - normal	50.0 - 74.9	25.0 - 49.9	<25.0
Anemia	Hgb	WNL	10.0 - normal	8.0 - 10.0	6.5 - 7.9	<6.5
Hemorrhage (Clinical)	-----	none	mild, no transfusion	gross, 1-2 units transfusion/episode	gross, 3-4 units transfusion/episode	massive, >4 units transfusion/episode
*Infection	-----	none	mild, no active Rx	Moderate, localized infection requires active Rx	severe, systemic infection requires active Rx, specify site	life-threatening, sepsis, specify site
Fever in absence of infection	-----	none	37.1° - 38.0° C 98.7° - 100.4° F	38.1 ° - 40.0° C 100.5 ° - 104.0° F	>40.0° C (>104.0° F) for less than 24 hours	>40.0° C (104.0° F) for >24 hrs or fever with hypotension
<ul style="list-style-type: none"> <li>• Fever felt to be caused by drug allergy should be coded as allergy.</li> <li>• Fever due to infection is coded under infection only.</li> </ul>						
GU	Creatinine	WNL	< 1.5 x N	1.5 - 3.0 x N	3.1 - 6.0 x N	>6.0 x N
	Proteinuria	No change	1+ or <0.3g% or <3g/l	2-3+ or 0.3 - 1.0g% or 3 - 10g/l	4+ or >1.0g% or >10g/l	nephrotic syndrome
	Hematuria	neg	micro only	gross, no clots	gross + clots	requires transfusion
	*BUN	<1.5 x N	1.5 - 2.5 x N	2.6 - 5 x N	5.1 - 10 x N	>10 x N
<ul style="list-style-type: none"> <li>• Urinary tract infection should be coded under infection, not GU.</li> <li>• Hematuria resulting from thrombocytopenia should be coded under hemorrhage, not GU.</li> </ul>						
GI	Nausea	none	able to eat reasonable intake	intake significantly decreased but can eat	no significant intake	-----
	Vomiting	none	1 episode in 24 hours	2-5 episodes in 24 hours	6-10 episodes in 24 hours	>10 episodes in 24 hrs or requiring parenteral support
	Diarrhea	none	increase of 2-3 stools/day over pre-Rx	increase of 4-6 stools/day, or nocturnal stools, or moderate cramping	increase of 7-9 stools/day or incontinence, or severe cramping	increase of ≥ 10 stools/day or grossly bloody diarrhea, or need for parenteral support
	Stomatitis	none	painless ulcers, erythema, or mild soreness	painful erythema, edema, or ulcers, but can eat	painful erythema, edema or ulcers, and cannot eat	requires parenteral or enteral support
Liver	Bilirubin	WNL	-----	<1.5 x N	1.5 - 3.0 x N	>3.0 x N
	Transaminase (SGOT, SGPT)	WNL	≤2.5 x N	2.6 - 5.0 x N	5.1 - 20.0 x N	>20.0 x N
	Alk Phos or 5'nucleotidase	WNL	≤2.5 x N	2.6 - 5.0 x N	5.1 - 20.0 x N	>20.0 x N
	Liver - clinical	no change from baseline	-----	-----	precoma	hepatic coma
	<ul style="list-style-type: none"> <li>• Viral Hepatitis should be coded as infection rather than liver toxicity.</li> </ul>					
Pulmonary	-----	none or no change	asymptomatic, with abnormality in PFTs	dyspnea on significant exertion	dyspnea at normal level of activity	dyspnea at rest
	<ul style="list-style-type: none"> <li>• Pneumonia is considered infection and not graded as pulmonary toxicity unless felt to be resultant from pulmonary changes directly induced by treatment.</li> </ul>					
Cardiac	Cardiac dysrhythmias	none	asymptomatic, transient, requiring no therapy	recurrent or persistent, no therapy required	requires treatment	requires monitoring, or hypotension or ventricular tachycardia or fibrillation
	Cardiac function	none	asymptomatic, decline of resting ejection fraction by less than 20% of baseline value	asymptomatic, decline of resting ejection fraction by more than 20% of baseline value	mild CHF, responsive to therapy	severe or refractory CHF
	Cardiac-- ischemia	none	non-specific T-wave flattening	asymptomatic, ST and T wave changes suggesting ischemia	angina without evidence for infarction	acute myocardial infarction
	Cardiac-- pericardial	none	asymptomatic effusion, no intervention required	pericarditis (rub, chest pain, ECG changes)	symptomatic effusion; drainage required	tamponade; drainage urgently required

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Blood Pressure	Hypertension	none or no change	asymptomatic, transient increase by >20 mm Hg (D) or to >150/100 if previously WNL. No treatment required	recurrent or persistent increase by >20 mm Hg (D) or to >150/100 if previously WNL. No treatment required	requires therapy	hypertensive crisis
	Hypotension	none or no change	changes requiring no therapy (including transient orthostatic hypotension)	requires fluid replacement or other therapy but not hospitalization	requires therapy and hospitalization; resolves within 48 hours of stopping the agent	requires therapy and hospitalization for >48 hours after stopping the agent
Skin	-----	none or no change	scattered macular or papular eruption or erythema that is asymptomatic	scattered macular or papular eruption or erythema with pruritus or other associated symptoms	generalized symptomatic macular, papular or vesicular eruption	exfoliative dermatitis or ulcerating dermatitis
Allergy	-----	none	transient rash, drug fever <38° C, 100.4° F	urticaria, drug fever ≥ 38°C, 100.4°F, mild bronchospasm	serum sickness, bronchospasm, requires parenteral meds	anaphylaxis
*Phlebitis		none	arm	thrombophlebitis, leg	hospitalization	embolus
Local		none	pain	pain and swelling, with inflammation or phlebitis	ulceration	plastic surgery indicated
Alopecia	-----	no loss	mild hair loss	pronounced or total hair loss	-----	-----
Weight gain/loss	-----	<5.0%	5.0 - 9.9%	10.0 - 19.9%	≥20%	-----
N E U R O L O G I C	Sensory	neuro -- sensory	none or no change	mild paresthesias; loss of deep tendon reflexes	mild or moderate objective sensory loss; moderate paresthesias	severe objective sensory loss or paresthesias that interfere with function
		neuro -- vision	none or no change	-----	-----	symptomatic subtotal loss of vision
		neuro -- hearing	none or no change	asymptomatic, hearing loss on audiometry only	tinnitus	hearing loss interfering with function but correctable with hearing aid
	Motor	neuro -- motor	none or no change	subjective weakness; no objective findings	mild objective weakness without significant impairment of function	objective weakness with impairment of function
		neuro -- constipation	none or no change	mild	moderate	severe
	Psych	neuro -- mood	no change	mild anxiety or depression	moderate anxiety or depression	severe anxiety or depression
	Clinical	neuro -- cortical	none	mild somnolence or agitation	moderate somnolence or agitation	severe somnolence, agitation, confusion, disorientation or hallucinations
		neuro -- cerebellar	none	slight incoordination, dysdiadokinesis	intention tremor, dysmetria, slurred speech, nystagmus	locomotor ataxia
		neuro -- headache	none	mild	moderate or severe but transient	unrelenting and severe
Metabolic	Hyperglycemia	<116	116 - 160	161 - 250	251 - 500	>500 or ketoacidosis
	Hypoglycemia	>64	55 - 64	40 - 54	30 - 39	<30
	Amylase	WNL	<1.5 x N	1.5 - 2.0 x N	2.1 - 5.0 x N	>5.1 x N
	Hypercalcemia	<10.6	10.6 - 11.5	11.6 - 12.5	12.6 - 13.5	≥13.5
	Hypocalcemia	>8.4	8.4 - 7.8	7.7 - 7.0	6.9 - 6.1	≤6.0
	Hypomagnesemia	>1.4	1.4 - 1.2	1.1 - 0.9	0.8 - 0.6	≤0.5
Coagulation	Fibrinogen	WNL	0.99 - 0.75 x N	0.74 - 0.50 x N	0.49 - 0.25 x N	≤0.24 x N
	Prothrombin time	WNL	1.01 - 1.25 x N	1.26 - 1.50 x N	1.51 - 2.00 x N	>2.00 x N
	Partial thromboplastin time	WNL	1.01 - 1.66 x N	1.67 - 2.33 x N	2.34 - 3.00 x N	>3.00 x N

\* denotes ECOG specific criteria