NCI CTCAE definitions of severity for adverse reactions1

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| Grade | Degree of severity |
| 1 | Mild, with mild or no symptoms; no interventions required |
| 2 | Moderate; minimal intervention indicated; some limitation of activities |
| 3 | Severe but not life threatening; hospitalization required; limitation of patient's ability to care for him/herself |
| 4 | Life threatening; urgent intervention required |
| 5 | Death related to adverse event |

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| Adverse reaction | Grade 1 | Grade 2 | Grade 3 | Grade 4 | Grade 5 |
| **Cytopenias** |
| Anemia | Hb <LLN to 10.0 g/dL | Hb <10.0 g/dL to 8.0 g/dL | Hb <8.0 g/dL; transfusion indicated | Life-threatening consequences; urgent intervention indicated | Death |
| Neutropenia | Neutrophils <LLN to 1500/mm3 | Neutrophils <1500/mm3 to 1000/mm3 | Neutrophils <1000/mm3 to 500/mm3 | Neutrophils <500/mm3 | N/A |
| Thrombocytopenia | Platelets <LLN to 75,000/mm3 | <75,000/mm3 to 50,000/mm3 | <50,000/mm3 to 25,000/mm3 | <25,000/mm3 | N/A |
| Hepatic failure | N/A | N/A | Asterixis; mild encephalopathy; limitation of self care | Moderate to severe encephalopathy; coma; life-threatening consequences | Death |
| Creatinine increase | >1 to 1.5 × baseline; >ULN to 1.5 × ULN  | >1.5 to 3.0 × baseline; >1.5 to 3.0 × ULN  | >3.0 × baseline; >3.0 to 6.0 × ULN  | >6.0 × ULN | N/A |
| Fatigue | Relieved by rest  | Not relieved by rest, limiting ADL  | Not relieved by rest; limitation of self care  | N/A  | N/A  |
| Febrile neutropenia | N/A  | N/A  | ANC <1000/mm3 with single temperature reading >38.3°C or sustained temperature ≥38.0°C (100.4°F) for >1 hour  | Life-threatening consequences; urgent intervention indicated  | Death |
| Fever | 38.0°C to 39.0°C  | >39.0°C to 40.0°C  | >40.0°C lasting ≤24 hours  | >40.0°C lasting >24 hours  | Death |
| Infections and infestations | Asymptomatic or mild symptoms; observations only; intervention not indicated  | Moderate symptoms; minimal intervention indicated; limitation of instrumental ADL  | Severe or medically significant but not immediately life threatening; hospitalization indicated; limitation of self care ADL  | Life-threatening consequences; urgent intervention indicated  | Death |
| Infusion reactions | Mild, transient reaction; interruption/intervention not indicated | Interruption indicated, but responds promptly to symptomatic treatment; prophylactic medications indicated  | Prolonged (not rapidly responsive to treatment and/or infusion interruption); recurrence of symptoms following initial improvement; hospitalization indicated  | Life-threatening consequences; urgent intervention indicated  | Death |

ADL=activities of daily living; ANC=absolute neutrophil count; LLN=lower limit of normal; ULN=upper limit of normal.