CHEMOTHERAPY TOXICITY PREDICTION TOOL

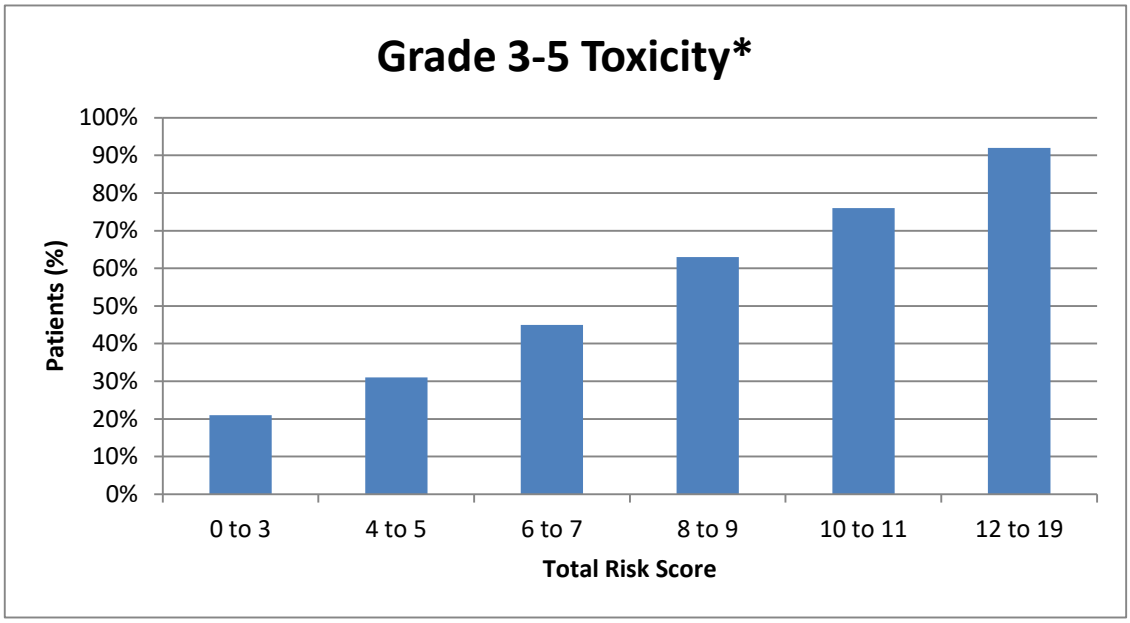
Toxicity Factor/Question	Score		Value/Response
1. Age of Patient	2	❒	72 years of age or older
	0	❒	Younger than 72
2. Cancer Type	2	❒	Gastrointestinal
	2	❒	Genitourinary
	0	❒	Other cancer types
3. Dosage (Dose delivered with first dose for chemotherapy)	2	❒	Standard Dose
	0	❒	Dose reduced upfront
4. Number of chemotherapy agents	2	❒	Polychemotherapy
	0	❒	Monochemotherapy
5. Hemoglobin	3	❒	Male: < 11
	0	❒	≥ 11
	3	❒	Female: < 10
	0	❒	≥ 10
6. How is your hearing (with a hearing aid, if needed)?	0	❒	Excellent
	0	❒	Good
	2	❒	Fair
	2	❒	Poor
	2	❒	Totally deaf
7. Number of falls in the past 6 months	3	❒	1 or more
	0	❒	None
8. Can you take your own medicines?	0	❒	Without help (in the right doses at the right time)
	1	❒	With some help (able to take medicine if someone prepares it for you and/or reminds you to take it)
	1	❒	Completely unable to take you medicine
9. Does your health limit you in walking one block?	2	❒	Limited a lot
	2	❒	Limited a little
	0	❒	Not limited at all
10. During the past 4 weeks, how much of the time has your physical health or emotional problems interfered with your social activities (like visiting with friends, relatives, etc.)?	1	❒	All of the time
	1	❒	Most of the time
	1	❒	Some of the time
	0	❒	A little of the time
	0	❒	None of the time
11. Creatinine Clearance (Jeliffe formula with ideal weight)	3	❒	Less than 34
	0	❒	34 or greater

Total Score: _____

CHEMOTHERAPY TOXICITY PREDICTION TOOL

(Hurria et al, Journal of Clinical Oncology, 2011)
(Hurria et al, Journal of Clinical Oncology, 2016)

SCORING GUIDE



Scores between 0 and 5 are considered low risk, scores between 6 and 9 are considered medium risk, and scores between 10 and 19 are considered high risk. The above graph describes the percentage of patients experiencing grade 3-5 toxicity in each risk category. The below table summarizes the number of patients within each score in the Hurria et al study out of a total sample size of 500 patients.

Total Risk Score		%Risk	N
Low	0 to 3	25%	28
	4 to 5	32%	100
Mid	6 to 7	50%	136
	8 to 9	54%	91
High	10 to 11	77%	62
	12 to 19	89%	47

*using the NCI Common Terminology Criteria for Adverse Events version 3.

(Hurria et al, Journal of Clinical Oncology, 2011)
(Hurria et al, Journal of Clinical Oncology, 2016)