

Supplementary Material for Online Publication

Table S1. GVHD grading table

Score	0	1	2	3
1. Skin	<input type="checkbox"/> No skin changes (a-f)			
a. Rash	<input type="checkbox"/> No changes	<input type="checkbox"/> < 10% of BSA	<input type="checkbox"/> 10 - 50% of BSA	<input type="checkbox"/> > 50% of BSA
b. Lichenoid changes	<input type="checkbox"/> No changes	<input type="checkbox"/> < 10% of BSA	<input type="checkbox"/> 10 - 50% of BSA	<input type="checkbox"/> > 50% of BSA
c. Sclerodermatous changes	<input type="checkbox"/> No changes	<input type="checkbox"/> < 10% of BSA	<input type="checkbox"/> 10 - 50% of BSA	<input type="checkbox"/> > 50% of BSA
d. Hyper or hypopigmentation	<input type="checkbox"/> No changes	<input type="checkbox"/> < 10% of BSA	<input type="checkbox"/> 10 - 50% of BSA	<input type="checkbox"/> > 50% of BSA
e. Dry, flaky skin	<input type="checkbox"/> No changes	<input type="checkbox"/> < 10% of BSA	<input type="checkbox"/> 10 - 50% of BSA	<input type="checkbox"/> > 50% of BSA
f. Alopecia	<input type="checkbox"/> None	<input type="checkbox"/> Mild alopecia	<input type="checkbox"/> Pronounced alopecia	
2. Joints	<input type="checkbox"/> No joint problems (a,b)			
a. Contractures	<input type="checkbox"/> No contractures	--	<input type="checkbox"/> Mild joint contractures (do not affect ADL)	<input type="checkbox"/> Severe joint contractures (affect activities of daily living)
b. Arthralgias/arthritides	<input type="checkbox"/> None	<input type="checkbox"/> Pain and/or inflammation not interfering with function	<input type="checkbox"/> Pain and/or inflammation with either pain or pain meds interfering with function	<input type="checkbox"/> Pain and/or inflammation with either pain or pain meds interfering with activities of daily living
3. Oral	<input type="checkbox"/> No changes	<input type="checkbox"/> Painless erythema and/or lichenoid changes	<input type="checkbox"/> Diffuse erythema, ulcers, and/or lichenoid changes with pain; able to eat most foods	<input type="checkbox"/> Diffuse erythema, ulcers, and/or lichenoid changes with pain; unable to eat most foods
4. Ocular	<input type="checkbox"/> No changes	<input type="checkbox"/> Dryness of eyes, mild, not requiring treatment and/or asymptomatic keratoconjunctivitis	<input type="checkbox"/> Dryness of eyes requiring artificial tears or lacrimal plugging and/or symptomatic keratoconjunctivitis (ie. pain, irritation)	<input type="checkbox"/> Keratoconjunctivitis with pseudomembranes, corneal ulcerations, or loss of vision
5. Hepatic				
a. ALT (SGPT)	<input type="checkbox"/> ≤ 2.5 x ULN	<input type="checkbox"/> > 2.5 – 5 x ULN	<input type="checkbox"/> > 5 – 20 x ULN	<input type="checkbox"/> > 20 x ULN
b. Bilirubin	<input type="checkbox"/> ≤ 1.5 x ULN	<input type="checkbox"/> > 1.5 – 3 x ULN	<input type="checkbox"/> > 3 – 10 x ULN	<input type="checkbox"/> > 10 x ULN
c. Alkaline phosphatase	<input type="checkbox"/> ≤ 2.5 x ULN	<input type="checkbox"/> > 2.5 – 5 x ULN	<input type="checkbox"/> > 5 – 20 x ULN	<input type="checkbox"/> > 20 x ULN
6. Esophagus	<input type="checkbox"/> No dysphagia or odynophagia	<input type="checkbox"/> Mild dysphagia, but can eat regular diet	<input type="checkbox"/> Dysphagia or odynophagia (painful swallowing) requiring dietary changes	<input type="checkbox"/> Dysphagia requiring parenteral nutrition and/or web/stricture formation
7. Gastrointestinal	<input type="checkbox"/> No GI symptoms (a-c)			
a. Vomiting (chronic)	<input type="checkbox"/> No chronic vomiting	<input type="checkbox"/> Vomiting, average 1x/24 hrs x > 1week	<input type="checkbox"/> Vomiting, average 2-5 x/24 hrs x > 1week	<input type="checkbox"/> Vomiting, average > 6x/24 hrs x > 1week
b. Diarrhea (chronic)	<input type="checkbox"/> No chronic diarrhea	<input type="checkbox"/> Increase of 2 -3 stools/day more than normal x > 1week	<input type="checkbox"/> Increase of 4-6 stools/day more than normal, or nocturnal stools x > 1week	<input type="checkbox"/> Increase of > 7 stools/day more than normal, or incontinence, or need for parenteral support for dehydration x > 1week
c. Abdominal pain (chronic)	<input type="checkbox"/> No chronic abdominal pain	<input type="checkbox"/> Mild pain/cramps, not interfering with function	<input type="checkbox"/> Moderate pain/cramps; pain or analgesics interfering with function, but not ADL	<input type="checkbox"/> Severe pain; pain or analgesics interfering with function and ADL
8. Weight loss	<input type="checkbox"/> < 5% weight loss	<input type="checkbox"/> 5-10% loss	<input type="checkbox"/> >10 - <20% loss	<input type="checkbox"/> > 20% loss
9. Pulmonary	<input type="checkbox"/> No pulmonary changes (a-e)			
a. FVC	<input type="checkbox"/> > 75% of predicted	<input type="checkbox"/> ≥ 50 - 75% of predicted	<input type="checkbox"/> ≥ 25 - <50% of predicted	<input type="checkbox"/> < 25% of predicted
b. FEV ₁ (+FEV ₁ /FVC<0.8)	<input type="checkbox"/> > 75% of predicted	<input type="checkbox"/> ≥ 50 - 75% of predicted	<input type="checkbox"/> ≥ 25 - <50% of predicted	<input type="checkbox"/> < 25% of predicted
c. DLCO (corrected)	<input type="checkbox"/> > 75% of predicted	<input type="checkbox"/> ≥ 50 - 75% of predicted	<input type="checkbox"/> ≥ 25 - <50% of predicted	<input type="checkbox"/> < 25% of predicted
d. Hypoxia	<input type="checkbox"/> Normal	<input type="checkbox"/> ↓ O ₂ sat with exercise	<input type="checkbox"/> ↓ O ₂ sat at rest, needs O ₂	<input type="checkbox"/> Needs CPAP or vent
e. Dyspnea	<input type="checkbox"/> No dyspnea	<input type="checkbox"/> Dyspnea with exertion	<input type="checkbox"/> Dyspnea with normal activities	<input type="checkbox"/> Dyspnea at rest or requiring ventilator support
10. Platelets	<input type="checkbox"/> Platelets > 100,000	--	<input type="checkbox"/> Thrombocytopenia, platelets 50,000-99,000	<input type="checkbox"/> Severe thrombocytopenia, platelets < 50,000
11. Musculoskeletal	<input type="checkbox"/> No serositis or myositis (a,b)			

a. Serositis	<input type="checkbox"/> None	<input type="checkbox"/> Asymptomatic	<input type="checkbox"/> Symptomatic, requiring medical intervention or single aspiration	<input type="checkbox"/> Symptomatic, requiring surgical intervention, drain, or window
b. Myositis	<input type="checkbox"/> None	<input type="checkbox"/> Pain or weakness not interfering with function	<input type="checkbox"/> Pain or weakness interfering with function but not ADL	<input type="checkbox"/> Pain or weakness interfering with activities of daily living
12. Performance (Karnofsky/Lansky score)	<input type="checkbox"/> 90-100	<input type="checkbox"/> 70-80	<input type="checkbox"/> 50-60	<input type="checkbox"/> <50

ADL – activities of daily living; ULN – upper limit of normal; FVC – forced vital capacity; FEV1 – forced expiratory volume in 1 second; DLCO – diffusion capacity for carbon monoxide

SUPPLEMENTARY FIGURE LEGENDS

Figure S1. Flow of participants in ASCT0031.

Figure 1.

