

Supplementary Table 1: Peripheral blood apheresis cell doses are not significantly different by conditioning regimen group, except for a lower infused TNC dose in the MA-noTBI group compared to the others.

	MA-noTBI (n=38)	MA+TBI (n=51)	RIC-noTBI (n=118)	RIC+TBI (n=40)	P-Value
Infused CD3+ cell dose					NS
(x 10⁶/kg)	245	283	267	263	
Median (range)	(37-607)	(67-1119)	(10-704)	(115-1138)	
Infused CD4+ cell dose					NS
(x 10⁶/kg)	169	175	166	180	
Median (range)	(28-475)	(36-445)	(8-591)	(75-414)	
Infused CD8+ cell dose					NS
(x 10⁶/kg)	102	113	105	83	
Median (range)	(11-252)	(17-862)	(2-255)	(30-727)	
Infused CD34+ cell dose					NS
(x 10⁶/kg)	6	8	6	6	
Median (range)	(1.4-25)	(2.2-28)	(0.9-25)	(1.8-17)	
Infused TNC cell dose					0.05
(x 10⁸/kg)	7	8.9	8.4	8.7	

Median	(1.5-13)	(2.4-21)	(2-21)	(3.6-17)
(range)				

MA= Myeloablative, TBI=Total Body Irradiation, RIC= Reduced Intensity Conditioning,
TNC=Total Nucleated Cell Dose, NS: not significant P>0.05

Supplementary Table 2: Time to engraftment by CD3+, CD4+, CD8+ and TNC dose, stratified by conditioning regimen.

	Days to Neutrophil Recovery				Days to Platelet Recovery			
	MA-noT	MA+TBI	RIC-noT	RIC+ TBI	MA-noT	MA+TBI	RIC-noT	RIC+ TBI
	BI (n=38)	(n=51)	BI (n=118)	(n=40)	BI (n=38)	(n=51)	BI (n=118)	(n=40)
CD3+ dose								
> Median	14	14	13	16	17	20	17	17
(range)	(11-122)	(9-27)	(3-35)	(11-23)	(10-171)	(13-100)	(3-1515)	(11-866)
< Median	15	16	14	16	17.5	22	20	17
(range)	(10-19)	(10-28)	(10-36)	(10-24)	(12-75)	(15-228)	(11-275)	(10-74)
P-value	NS	NS	NS	NS	NS	NS	0.04	NS
CD4+ dose								
> Median	14	14	13	16.5	17	20	17	17
(range)	(11-22)	(9-28)	(3-35)	(11-23)	(10-171)	(13-100)	(3-1515)	(11-866)
< Median	15	16	14	16	18	22	20	17
(range)	(10-18)	(10-28)	(9-36)	(10-24)	(12-75)	(15-228)	(11-1427)	(10-74)
P-value	NS	NS	NS	NS	NS	NS	NS	NS
CD8+ dose								

> Median	14	14.5	13	15.5	17	21	17	17
(range)	(11-22)	(9-28)	(3-35)	(11-21)	(10-171)	(13-100)	(3-1515)	(11-866)
< Median	14	14	14	16.5	17	20	20	17
(range)	(10-19)	(10-28)	(5-36)	(10-24)	(12-75)	(13-228)	(5-1427)	(10-74)
P-value	NS	NS	NS	NS	NS	NS	0.006	NS

TNC dose

> Median	14	14	14	16	17	14	17	17
(range)	(11-22)	(9-27)	(3-36)	(10-23)	(10-171)	(3-36)	(3-1515)	(10-866)
< Median	14	16	14	16	18	14	19	17
(range)	(10-19)	(10-28)	(5-21)	(12-24)	(12-36)	(5-21)	(5-275)	(11-74)
P-value	NS	NS	NS	NS	NS	NS	NS	NS

MA= Myeloablative, TBI=Total Body Irradiation, RIC= Reduced Intensity Conditioning, TNC=Total Nucleated Cell, NS= not significant P>0.05