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Table 1: Baseline characteristics of the adult (N=11,488) and paediatric (N=2,490) allogeneic haematopoietic cell transplant cohorts.

Additional Characteristics can be found in the Appendix Pages 6-7.

Variable	Adult Allo-HCT cohort (N=11,488)					Paediatric Allo-HCT cohort (N=2,490)				
	Overall N (%)	Asian N (%)	Black N (%)	Other N (%)	White N (%)	Overall N (%)	Asian N (%)	Black N (%)	Other N (%)	White N (%)
Number of patients by ethnicity	11,488	637	262	536	10,053	2,490	444	179	215	1,652
Patient age at transplant										
0-10	0	0	0	0	0	1,685 (68)	346 (78)	103 (58)	156 (73)	1,080 (65)
11-17	0	0	0	0	0	805 (32)	98 (22)	76 (42)	59 (23)	572 (35)
18-39	2,836 (25)	292 (46)	107 (41)	145 (27)	2,292 (23)	0	0	0	0	0
40-59	5,378 (47)	264 (41)	130 (50)	231 (43)	4,753 (47)	0	0	0	0	0
60+	3,274 (28)	81 (13)	25 (9)	160 (30)	3,008 (30)	0	0	0	0	0
Median (Range)	52 (18-76) 52 (	41 (18-72)	44 (18-68)	53 (18-76)	53 (18-76)	7 (0-17)	5 (0-17)	9 (0-17)	5 (0-17)	7 (0-17)
Donor age group										
0-10	9 (<1)	2 (<1)	1 (<1)	0	6 (<1)	205 (8)	61 (14)	33 (18)	24 (11)	93 (6)
11-18	151 (1)	12 (2)	10 (4)	11 (2)	118 (1)	160 (6)	32 (7)	27 (15)	11 (5)	97 (6)
19-29	3,477 (30)	115 (18)	38 (14)	186 (35)	3,138 (31)	578 (23)	58 (13)	20 (11)	34 (16)	471 (28)
30-39	2,015 (18)	111 (17)	38 (14)	86 (16)	1,780 (18)	315 (13)	53 (12)	15 (8)	35 (16)	213 (13)
40-49	1,388 (12)	93 (15)	31 (12)	62 (12)	1,202 (12)	177 (7)	25 (6)	14 (8)	19 (9)	119 (7)
50-59	906 (8)	52 (8)	27 (10)	44 (8)	783 (8)	30 (1)	5 (1)	14 (8)	3 (1)	19 (1)
60+	440 (4)	22 (3)	4 (2)	13 (2)	401 (4)	3 (<1)	2 (<1)	3 (2)	0	0
Cord	321 (3)	44 (7)	37 (14)	22 (4)	218 (2)	362 (14)	66 (15)	1 (<1)	42 (19)	221 (13)
Missing	2,781 (24)	186 (29)	76 (29)	112 (21)	2,407 (24)	660 (27)	142 (32)	52 (29)	47 (22)	419 (25)
Median (Range)	30 (0-82)	36 (8-70)	36 (9-70)	31 (11-70)	32 (0-82)					
Patient sex at birth										
Female	4,436 (39)	256	114 (43)	221 (41)	3,845 (38)	1,005 (40)	194 (44)	84 (47)	80 (37)	647 (39)
Male	7,040 (61)	379	148 (57)	315 (59)	6,198 (62)	1,479 (60)	249 (56)	94 (53)	134 (63)	1,002 (61)
Missing	12 (<1)	2	0	0	10 (<1)	6 (<1)	1 (<1)	1 (<1)	1 (<1)	3 (<1)
Donor sex at birth										
Female	3,762 (33)	243	123	529	3,196	909 (36)	182 (41)	79 (44)	82 (38)	566 (34)
Male	7,567 (66)	381	124	329	6,733	1,515 (61)	250 (56)	93 (52)	127 (59)	1,045 (63)
Missing	159 (1)	13	15	7	124	66 (3)	12 (3)	7 (4)	6 (3)	41 (2)
Disease at transplant										
Malignant	11,001 (96)	586 (92)	244 (93)	508 (95)	9,663 (96)	1,157 (47)	101 (23)	51 (28)	91 (42)	914 (55)
Non-Malignant	487 (4)	51 (8)	18 (7)	28 (5)	390 (4)	1,333 (53)	343 (77)	128 (72)	124 (58)	738 (45)
Donor type										
Volunteer Unrelated Donor	7,293 (63)	214 (33)	73 (28)	315 (59)	7,293 (63)	1,247 (50)	109 (24)	23 (13)	77 (36)	1,038 (63)
Related donor	3,517 (31)	310 (49)	109 (42)	149 (28)	3,517 (31)	751 (30)	230 (52)	88 (49)	71 (33)	362 (22)

Haploidentical	357 (3)	69 (11)	43 (16)	50 (9)	357 (3)	130 (5)	39 (9)	35 (20)	25 (12)	31 (2)
Umbilical Cord Blood	321 (3)	44 (7)	37 (14)	218 (2)	321 (3)	362 (15)	66 (15)	33 (18)	42 (19)	221 (13)
HLA match										
HLA matched RD (10/10)	3,434 (30)	300 (47)	107 (41)	141 (26)	2,886 (29)	718 (29)	219 (49)	86 (48)	66 (31)	347 (21)
HLA mismatched RD ($\leq 9/10$)	65 (<1)	8 (1)	1 (<1)	7 (1)	49 (<1)	12 (<1)	3 (<1)	1 (<1)	1 (<1)	7 (<1)
HLA matched VUD (10/10)	5,012 (44)	95 (15)	24 (9)	195 (36)	4,698 (47)	732 (29)	51 (11)	7 (4)	44 (21)	630 (38)
HLA mismatched VUD ($\leq 9/10$)	1,385 (12)	83 (13)	39 (15)	71 (13)	1,192 (12)	243 (10)	38 (9)	8 (5)	25 (12)	172 (10)
HLA matched Cord (10/10)	4 (<1)	0	0	0	4 (<1)	82 (3)	20 (5)	5 (3)	2 (1)	55 (3)
$\leq 9/10$ HLA matched Cord ($\leq 9/10$)	22 (<1)	3 (<1)	3 (1)	1 (<1)	15 (<1)	136 (6)	20 (5)	15 (8)	26 (12)	75 (5)
Haploidentical/Mismatched RD ($\leq 9/10$)	342 (3)	68 (11)	40 (15)	43 (8)	191 (2)	121 (5)	35 (8)	35 (20)	21 (10)	30 (2)
Indeterminable match	81 (<1)	6 (1)	7 (3)	9 (2)	59 (<1)	66 (3)	14 (3)	3 (2)	12 (6)	37 (2)
Missing	1,143 (10)	74 (12)	41 (16)	69 (13)	959 (10)	380 (15)	44 (10)	19 (11)	18 (8)	299 (18)
Source of stem cells										
Bone Marrow	523 (5)	32 (5)	16 (6)	20 (4)	455 (4)	1,373 (55)	228 (51)	113 (64)	109 (51)	923 (56)
PBSC	10,623 (93)	561 (88)	206 (79)	492 (92)	9,364 (93)	747 (30)	148 (33)	31 (17)	64 (30)	504 (31)
Bone Marrow + PBSC	17 (<1)	0	1 (<1)	2 (<1)	14 (<1)	4 (<1)	2 (<1)	1 (<1)	0	1 (<1)
Umbilical Cord Blood	321 (3)	44 (7)	37 (14)	22 (4)	218 (2)	362 (15)	66 (15)	33 (18)	42 (20)	221 (13)
Missing	4 (<1)	0	2 (<1)	0	2 (<1)	4 (<1)	0	1 (<1)	0	3 (<1)
Karnofsky Performance Score										
≤ 70	730 (6)	34 (5)	11 (4)	22 (4)	663 (7)	128 (5)	23 (5)	10 (6)	10 (5)	85 (5)
80	1,710 (15)	89 (14)	42 (16)	62 (12)	1,517 (15)	322 (13)	40 (9)	25 (14)	23 (11)	234 (14)
90	5,254 (46)	269 (42)	118 (45)	241 (45)	4,626 (46)	727 (29)	83 (19)	49 (27)	69 (32)	526 (32)
100	2,936 (26)	192 (30)	73 (28)	177 (33)	2,494 (25)	731 (29)	143 (32)	49 (27)	69 (32)	470 (28)
Missing	858 (7)	53 (8)	18 (7)	34 (6)	753 (7)	582 (23)	155 (35)	46 (26)	44 (20)	337 (20)
Conditioning regimen										
Myeloablative	2,920 (25)	234 (37)	90 (34)	133 (25)	2,463 (25)	1,888 (76)	328 (74)	153 (85)	158 (73)	1,249 (76)
RIC	8,485 (74)	393 (62)	171 (66)	390 (73)	7,531 (75)	510 (20)	87 (20)	19 (11)	47 (22)	357 (22)
Missing	83 (<1)	10 (1)	1 (<1)	13 (2)	59 (<1)	92 (4)	29 (6)	7 (4)	10 (5)	46 (2)
T cell depletion										
Alemtuzumab	6,917 (60)	260 (41)	89 (34)	228 (42)	6,340 (63)	1,264 (51)	201 (45)	47 (26)	87 (41)	929 (56)
ATG or ALG	1,608 (14)	82 (13)	35 (13)	36 (7)	1,455 (15)	559 (23)	115 (26)	86 (48)	69 (32)	299 (18)
No	2,963 (26)	295 (46)	138 (53)	272 (51)	2,258 (22)	657 (26)	128 (29)	46 (26)	59 (27)	424 (26)
HCT-CI										
0	5,008 (44)	265 (41)	111 (42)	248 (46)	4,384 (44)	1,267 (51)	217 (48)	68 (38)	102 (47)	880 (53)
1-2	2,452 (21)	152 (24)	47 (18)	124 (23)	2,129 (21)	375 (15)	72 (16)	52 (29)	30 (14)	221 (13)
3+	1,848 (16)	107 (17)	45 (17)	54 (10)	1,642 (16)	120 (5)	25 (6)	13 (7)	8 (2)	74 (4)
Missing	2,180 (19)	113 (18)	59 (23)	110 (20)	1,898 (19)	728 (29)	130 (30)	46 (26)	75 (35)	477 (29)
Year of transplant										

2009	784 (7)	39 (6)	14 (5)	19 (4)	712 (7)	199 (8)	30 (7)	8 (4)	10 (5)	151 (9)
2010	853 (7)	34 (5)	13 (5)	20 (4)	786 (8)	197 (8)	37 (8)	11 (6)	12 (6)	137 (8)
2011	989 (9)	46 (7)	18 (7)	29 (5)	896 (9)	199 (8)	42 (9)	9 (5)	16 (7)	132 (8)
2012	1,009 (9)	57 (9)	18 (7)	37 (7)	897 (9)	227 (9)	42 (9)	17 (9)	16 (7)	152 (9)
2013	1,098 (10)	66 (10)	31 (12)	32 (6)	969 (9)	224 (9)	35 (8)	18 (10)	17 (8)	154 (9)
2014	1,127 (10)	72 (11)	28 (11)	37 (7)	990 (10)	254 (10)	40 (9)	23 (13)	23 (11)	168 (10)
2015	1,098 (10)	64 (10)	30 (11)	34 (6)	970 (10)	232 (9)	39 (9)	16 (9)	24 (11)	153 (9)
2016	1,155 (10)	80 (13)	33 (12)	113 (21)	929 (9)	236 (10)	46 (10)	19 (11)	21 (10)	150 (9)
2017	1,130 (10)	60 (9)	26 (10)	80 (15)	964 (9)	243 (10)	53 (12)	23 (13)	23 (11)	144 (9)
2018	1,092 (9)	49 (8)	20 (8)	52 (10)	971 (10)	234 (9)	35 (8)	23 (13)	28 (13)	148 (9)
2019	1,153 (10)	70 (11)	31 (12)	83 (15)	969 (9)	245 (10)	45 (10)	12 (7)	25 (11)	163 (10)
Follow-up										
Median (months)	27	27	24	25	28	48	47	45	40	51
Interquartile Range (months)	9-64	8-63	7-60	7-57	9-65	17-76	13-77	22-70	14-70	19-78