

表4. 慢性GVHD発症割合 Table 4. Development of cGVHD

慢性GVHD		血縁者間骨髓移植		血縁者間末梢血幹細胞移植		非血縁者間骨髓移植		非血縁者間臍帯血移植		合計	
cGVHD		Related BMT		Related PBSCT		Unrelated BMT		Unrelated CBT		Total	
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
<b>全疾患</b>											
All diseases	NO	3,945	(58.9)	1,065	(35.0)	3,523	(53.7)	1,310	(65.9)	9,843	(53.8)
	YES (重症度不明)	246	(3.7)	20	(0.7)	8	(0.1)	21	(1.1)	295	(1.6)
	(Limited)	890	(13.3)	464	(15.3)	996	(15.2)	267	(13.4)	2,617	(14.3)
	(Extensive)	1,133	(16.9)	918	(30.2)	1,672	(25.5)	159	(8.0)	3,882	(21.2)
	U.E.	303	(4.5)	216	(7.1)	328	(5.0)	42	(2.1)	889	(4.9)
	U.K.	179	(2.7)	357	(11.7)	29	(0.4)	188	(9.5)	753	(4.1)
	合計	6,696	(100.0)	3,040	(100.0)	6,556	(100.0)	1,987	(100.0)	18,279	(100.0)
<b>移植時年齢16歳未満</b>											
Age at transplant:0-15	NO	1,465	(72.8)	123	(47.1)	826	(60.0)	499	(72.6)	2,913	(67.2)
	YES (重症度不明)	36	(1.8)	7	(2.7)	1	(0.1)	11	(1.6)	55	(1.3)
	(Limited)	239	(11.9)	41	(15.7)	220	(16.0)	75	(10.9)	575	(13.3)
	(Extensive)	209	(10.4)	69	(26.4)	262	(19.0)	31	(4.5)	571	(13.2)
	U.E.	52	(2.6)	19	(7.3)	62	(4.5)	10	(1.5)	143	(3.3)
	U.K.	10	(0.5)	2	(0.8)	5	(0.4)	61	(8.9)	78	(1.8)
	合計	2,011	(100.0)	261	(100.0)	1,376	(100.0)	687	(100.0)	4,335	(100.0)
<b>移植時年齢16歳以上40歳未満</b>											
Age at transplant:16-39	NO	1,678	(58.1)	377	(35.9)	1,504	(51.2)	327	(63.2)	3,886	(52.6)
	YES (重症度不明)	143	(5.0)	6	(0.6)	6	(0.2)	2	(0.4)	157	(2.1)
	(Limited)	364	(12.6)	164	(15.6)	484	(16.5)	84	(16.2)	1,096	(14.8)
	(Extensive)	478	(16.6)	319	(30.4)	788	(26.8)	48	(9.3)	1,633	(22.1)
	U.E.	128	(4.4)	58	(5.5)	143	(4.9)	9	(1.7)	338	(4.6)
	U.K.	96	(3.3)	127	(12.1)	14	(0.5)	47	(9.1)	284	(3.8)
	合計	2,887	(100.0)	1,051	(100.0)	2,939	(100.0)	517	(100.0)	7,394	(100.0)
<b>移植時年齢40歳以上</b>											
Age at transplant:40-	NO	802	(44.6)	565	(32.7)	1,193	(53.2)	484	(61.8)	3,044	(46.5)
	YES (重症度不明)	67	(3.7)	7	(0.4)	1	(0.0)	8	(1.0)	83	(1.3)
	(Limited)	287	(16.0)	259	(15.0)	292	(13.0)	108	(13.8)	946	(14.4)
	(Extensive)	446	(24.8)	530	(30.7)	622	(27.8)	80	(10.2)	1,678	(25.6)
	U.E.	123	(6.8)	139	(8.0)	123	(5.5)	23	(2.9)	408	(6.2)
	U.K.	73	(4.1)	228	(13.2)	10	(0.4)	80	(10.2)	391	(6.0)
	合計	1,798	(100.0)	1,728	(100.0)	2,241	(100.0)	783	(100.0)	6,550	(100.0)
<b>急性骨髄性白血病</b>											
AML	NO	1,181	(59.6)	389	(37.7)	1,093	(53.6)	445	(62.1)	3,108	(53.9)
	YES (重症度不明)	83	(4.2)	6	(0.6)	1	(0.0)	4	(0.6)	94	(1.6)
	(Limited)	246	(12.4)	157	(15.2)	323	(15.8)	109	(15.2)	835	(14.5)
	(Extensive)	320	(16.1)	300	(29.0)	517	(25.4)	66	(9.2)	1,203	(20.8)
	U.E.	90	(4.5)	71	(6.9)	99	(4.9)	18	(2.5)	278	(4.8)
	U.K.	63	(3.2)	110	(10.6)	5	(0.2)	75	(10.5)	253	(4.4)
	合計	1,983	(100.0)	1,033	(100.0)	2,038	(100.0)	717	(100.0)	5,771	(100.0)
<b>急性リンパ性白血病</b>											
ALL	NO	998	(61.7)	201	(37.7)	886	(55.4)	354	(64.8)	2,439	(56.8)
	YES (重症度不明)	54	(3.3)	5	(0.9)	1	(0.1)	9	(1.6)	69	(1.6)
	(Limited)	195	(12.1)	86	(16.1)	236	(14.8)	89	(16.3)	606	(14.1)
	(Extensive)	243	(15.0)	145	(27.2)	379	(23.7)	37	(6.8)	804	(18.7)
	U.E.	90	(5.6)	39	(7.3)	89	(5.6)	13	(2.4)	231	(5.4)
	U.K.	37	(2.3)	57	(10.7)	9	(0.6)	44	(8.1)	147	(3.4)
	合計	1,617	(100.0)	533	(100.0)	1,600	(100.0)	546	(100.0)	4,296	(100.0)

		慢性GVHD		血縁者間骨髄移植		血縁者間末梢血幹細胞移植		非血縁者間骨髄移植		非血縁者間臍帯血移植		合計	
		cGVHD		Related BMT		Related PBSCT		Unrelated BMT		Unrelated CBT		Total	
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
<b>成人T細胞性白血病</b>													
ATL	NO	30	(46.2)	34	(28.1)	61	(49.2)	42	(67.7)	167	(44.9)		
	YES (重症度不明)	0	(0.0)	0	(0.0)	0	(0.0)	1	(1.6)	1	(0.3)		
	(Limited)	8	(12.3)	17	(14.0)	18	(14.5)	5	(8.1)	48	(12.9)		
	(Extensive)	20	(30.8)	41	(33.9)	34	(27.4)	4	(6.5)	99	(26.6)		
	U.E.	4	(6.2)	16	(13.2)	10	(8.1)	2	(3.2)	32	(8.6)		
	U.K.	3	(4.6)	13	(10.7)	1	(0.8)	8	(12.9)	25	(6.7)		
	合計	65	(100.0)	121	(100.0)	124	(100.0)	62	(100.0)	372	(100.0)		
<b>慢性骨髄性白血病</b>													
CML	NO	455	(46.2)	75	(28.1)	427	(44.4)	59	(67.8)	1,016	(44.2)		
	YES (重症度不明)	53	(5.4)	3	(1.1)	5	(0.5)	0	(0.0)	61	(2.7)		
	(Limited)	182	(18.5)	40	(15.0)	176	(18.3)	6	(6.9)	404	(17.6)		
	(Extensive)	230	(23.4)	102	(38.2)	314	(32.6)	12	(13.8)	658	(28.6)		
	U.E.	33	(3.4)	14	(5.2)	37	(3.8)	1	(1.1)	85	(3.7)		
	U.K.	31	(3.2)	33	(12.4)	3	(0.3)	9	(10.3)	76	(3.3)		
	合計	984	(100.0)	267	(100.0)	962	(100.0)	87	(100.0)	2,300	(100.0)		
<b>骨髄異形成症候群</b>													
MDS	NO	241	(52.1)	91	(32.3)	315	(52.2)	85	(60.3)	732	(49.1)		
	YES (重症度不明)	17	(3.7)	2	(0.7)	0	(0.0)	3	(2.1)	22	(1.5)		
	(Limited)	60	(13.0)	44	(15.6)	73	(12.1)	23	(16.3)	200	(13.4)		
	(Extensive)	107	(23.1)	93	(33.0)	181	(30.0)	15	(10.6)	396	(26.6)		
	U.E.	26	(5.6)	19	(6.7)	31	(5.1)	0	(0.0)	76	(5.1)		
	U.K.	12	(2.6)	33	(11.7)	4	(0.7)	15	(10.6)	64	(4.3)		
	合計	463	(100.0)	282	(100.0)	604	(100.0)	141	(100.0)	1,490	(100.0)		
<b>その他の白血病</b>													
Other leukemia	NO	21	(60.0)	11	(23.9)	24	(53.3)	0	(0.0)	56	(44.1)		
	YES (重症度不明)	2	(5.7)	0	(0.0)	0	(0.0)	0	(0.0)	2	(1.6)		
	(Limited)	3	(8.6)	9	(19.6)	5	(11.1)	0	(0.0)	17	(13.4)		
	(Extensive)	7	(20.0)	12	(26.1)	13	(28.9)	0	(0.0)	32	(25.2)		
	U.E.	2	(5.7)	5	(10.9)	2	(4.4)	0	(0.0)	9	(7.1)		
	U.K.	0	(0.0)	9	(19.6)	1	(2.2)	1	(100.0)	11	(8.7)		
	合計	35	(100.0)	46	(100.0)	45	(100.0)	1	(100.0)	127	(100.0)		
<b>骨髄増殖性疾患</b>													
MPD	NO	56	(50.9)	20	(33.9)	41	(53.2)	30	(83.3)	147	(52.1)		
	YES (重症度不明)	1	(0.9)	0	(0.0)	0	(0.0)	1	(2.8)	2	(0.7)		
	(Limited)	20	(18.2)	10	(16.9)	10	(13.0)	2	(5.6)	42	(14.9)		
	(Extensive)	26	(23.6)	19	(32.2)	20	(26.0)	1	(2.8)	66	(23.4)		
	U.E.	6	(5.5)	3	(5.1)	6	(7.8)	0	(0.0)	15	(5.3)		
	U.K.	1	(0.9)	7	(11.9)	0	(0.0)	2	(5.6)	10	(3.5)		
	合計	110	(100.0)	59	(100.0)	77	(100.0)	36	(100.0)	282	(100.0)		
<b>非ホジキンリンパ腫</b>													
NHL	NO	180	(52.0)	136	(32.9)	212	(49.4)	111	(67.3)	639	(47.2)		
	YES (重症度不明)	7	(2.0)	2	(0.5)	0	(0.0)	1	(0.6)	10	(0.7)		
	(Limited)	46	(13.3)	70	(16.9)	65	(15.2)	16	(9.7)	197	(14.5)		
	(Extensive)	72	(20.8)	127	(30.7)	119	(27.7)	16	(9.7)	334	(24.7)		
	U.E.	29	(8.4)	34	(8.2)	30	(7.0)	7	(4.2)	100	(7.4)		
	U.K.	12	(3.5)	45	(10.9)	3	(0.7)	14	(8.5)	74	(5.5)		
	合計	346	(100.0)	414	(100.0)	429	(100.0)	165	(100.0)	1,354	(100.0)		

		慢性GVHD		血縁者間骨髄移植		血縁者間末梢血幹細胞移植		非血縁者間骨髄移植		非血縁者間臍帯血移植		合計	
		cGVHD		Related BMT		Related PBSCT		Unrelated BMT		Unrelated CBT		Total	
		N	(%)	N	(%)	N	(%)	N	(%)	N	(%)	N	(%)
<b>ホジキンリンパ腫</b>													
HL	NO	3	(27.3)	11	(73.3)	6	(66.7)	5	(83.3)	25	(61.0)		
	YES (重症度不明)	1	(9.1)	0	(0.0)	0	(0.0)	0	(0.0)	1	(2.4)		
	(Limited)	1	(9.1)	1	(6.7)	0	(0.0)	0	(0.0)	2	(4.9)		
	(Extensive)	6	(54.5)	3	(20.0)	3	(33.3)	1	(16.7)	13	(31.7)		
	U.E.	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)		
	U.K.	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)		
	合計	11	(100.0)	15	(100.0)	9	(100.0)	6	(100.0)	41	(100.0)		
<b>多発性骨髄腫/形質細胞性腫瘍</b>													
MM/PCD	NO	20	(36.4)	20	(29.9)	20	(71.4)	9	(69.2)	69	(42.3)		
	YES (重症度不明)	2	(3.6)	0	(0.0)	0	(0.0)	0	(0.0)	2	(1.2)		
	(Limited)	9	(16.4)	7	(10.4)	3	(10.7)	2	(15.4)	21	(12.9)		
	(Extensive)	17	(30.9)	23	(34.3)	3	(10.7)	1	(7.7)	44	(27.0)		
	U.E.	4	(7.3)	2	(3.0)	2	(7.1)	0	(0.0)	8	(4.9)		
	U.K.	3	(5.5)	15	(22.4)	0	(0.0)	1	(7.7)	19	(11.7)		
	合計	55	(100.0)	67	(100.0)	28	(100.0)	13	(100.0)	163	(100.0)		
<b>再生不良性貧血</b>													
AA	NO	503	(74.0)	31	(44.3)	254	(69.6)	17	(65.4)	805	(70.6)		
	YES (重症度不明)	22	(3.2)	0	(0.0)	1	(0.3)	0	(0.0)	23	(2.0)		
	(Limited)	77	(11.3)	7	(10.0)	50	(13.7)	4	(15.4)	138	(12.1)		
	(Extensive)	55	(8.1)	21	(30.0)	47	(12.9)	1	(3.8)	124	(10.9)		
	U.E.	13	(1.9)	2	(2.9)	12	(3.3)	0	(0.0)	27	(2.4)		
	U.K.	10	(1.5)	9	(12.9)	1	(0.3)	4	(15.4)	24	(2.1)		
	合計	680	(100.0)	70	(100.0)	365	(100.0)	26	(100.0)	1,141	(100.0)		
<b>造血障害</b>													
Bone Marrow Failure	NO	51	(77.3)	1	(25.0)	36	(76.6)	4	(66.7)	92	(74.8)		
	YES (重症度不明)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)	0	(0.0)		
	(Limited)	12	(18.2)	2	(50.0)	6	(12.8)	0	(0.0)	20	(16.3)		
	(Extensive)	3	(4.5)	1	(25.0)	4	(8.5)	0	(0.0)	8	(6.5)		
	U.E.	0	(0.0)	0	(0.0)	1	(2.1)	0	(0.0)	1	(0.8)		
	U.K.	0	(0.0)	0	(0.0)	0	(0.0)	2	(33.3)	2	(1.6)		
	合計	66	(100.0)	4	(100.0)	47	(100.0)	6	(100.0)	123	(100.0)		
<b>固形腫瘍</b>													
ST	NO	58	(78.4)	24	(32.0)	4	(100.0)	21	(77.8)	107	(59.4)		
	YES (重症度不明)	1	(1.4)	1	(1.3)	0	(0.0)	0	(0.0)	2	(1.1)		
	(Limited)	5	(6.8)	5	(6.7)	0	(0.0)	3	(11.1)	13	(7.2)		
	(Extensive)	6	(8.1)	22	(29.3)	0	(0.0)	0	(0.0)	28	(15.6)		
	U.E.	1	(1.4)	9	(12.0)	0	(0.0)	0	(0.0)	10	(5.6)		
	U.K.	3	(4.1)	14	(18.7)	0	(0.0)	3	(11.1)	20	(11.1)		
	合計	74	(100.0)	75	(100.0)	4	(100.0)	27	(100.0)	180	(100.0)		

U.E. 評価不能 Unexamined

U.K. 不明・未記入 Unknown or not reported

同種造血幹細胞移植件数が30件以下の疾患に関しては記載していない

Diseases whose performed number of allogeneic transplants of 30 or under are not on this table

100日以上生存した症例に限った集計

Subjects were limited to those who survived more than 100 days post transplant