

表 7.1 移植年疾患別移植件数

Trends in all transplants according to disease

(集計データセット3: 1991年から2016年の初回の移植報告)

(Dataset 3: reported first transplants conducted between 1991 and 2016)

疾患名 disease	'91~'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	合計 Total
白血病 Leukemia	17,551	1,786	1,802	1,943	1,982	2,164	2,230	2,326	2,350	2,427	2,466	2,374	41,401
急性骨髄性白血病 AML	7,175	867	884	997	1,036	1,140	1,133	1,169	1,191	1,215	1,230	1,181	19,218
M0	443	65	57	77	81	83	89	110	98	84	67	67	1,321
M1	918	117	124	127	134	152	172	162	159	168	170	163	2,566
M2	2,246	314	311	363	398	407	390	394	441	452	462	436	6,614
M3	552	37	38	42	41	51	45	38	40	41	43	31	999
M4	953	105	134	137	148	132	146	154	146	154	162	147	2,518
M5	739	77	82	95	95	105	104	87	103	104	105	105	1,801
M6	215	56	47	47	43	58	59	59	60	73	71	76	864
M7	163	14	25	24	30	38	32	31	23	30	31	28	469
AML:その他	946	82	66	85	66	114	96	134	121	109	119	128	2,066
急性リンパ性白血病 ALL	5,229	453	447	492	489	492	536	561	486	526	530	518	10,759
L1	1,285	171	157	184	168	165	210	185	155	166	186	187	3,219
L2	1,858	241	264	275	289	285	278	323	286	295	305	275	4,974
L3	85	7	7	9	6	17	9	5	2	12	7	5	171
ALL:その他	2,001	34	19	24	26	25	39	48	43	53	32	51	2,395
慢性骨髄性白血病 CML	2,741	81	64	69	47	65	80	58	69	74	77	75	3,500
骨髄異形成症候群 MDS	1,780	243	263	249	263	291	307	371	398	403	419	396	5,383
RA	497	68	85	88	73	83	91	122	128	127	107	112	1,581
RARS	22	3	5	2	5	3	4	10	12	7	9	10	92
RAEB	510	107	108	95	116	144	155	168	174	192	222	192	2,183
RAEBt	320	32	30	28	31	24	20	28	26	29	32	16	616
CMMoL	126	12	18	15	18	19	16	20	21	19	19	27	330
JMML	86	16	9	9	10	12	11	8	14	6	3	6	190
MDS:不明・未記入	219	5	8	12	10	6	10	15	23	23	27	33	391
その他の白血病 Other leukemias	626	142	144	136	147	176	174	167	206	209	210	204	2,541
成人T細胞性 ATL	482	113	114	116	122	141	141	144	169	174	157	164	2,037
その他の白血病	144	29	30	20	25	35	33	23	37	35	53	40	504
骨髄増殖性疾患	84	17	19	26	32	25	39	36	40	40	34	41	433
悪性リンパ腫 Malignant lymphoma	7,345	939	982	928	1,038	1,048	1,033	1,126	1,075	1,046	1,045	1,122	18,727
Non-Hodgkin's lymphoma	6,483	841	881	821	940	911	917	1,001	957	943	931	957	16,583
Precursor B-cell neoplasm	121	44	28	40	32	25	49	31	29	31	40	28	498
Precursor T cell neoplasm	230	38	31	32	34	37	48	49	45	46	25	46	661
NK-cell neoplasm	35	10	12	5	9	8	4	5	5	3	6	7	109
Precursor NK cell ALL	2	0	0	2	1	0	0	0	0	1	0	0	6
Blastic NK cell lymphoma	27	10	12	3	8	8	4	5	5	2	6	6	96
Unknown	6	0	0	0	0	0	0	0	0	0	0	1	7
Mature B cell neoplasm	2,106	597	645	587	680	635	613	689	683	656	666	656	9,213
Indolent	669	190	197	175	205	168	148	171	173	172	180	159	2,607
Chronic lymphocytic leukemia /Small lymphocytic lymphoma	15	3	2	1	2	2	6	3	0	3	4	3	44
Lymphoplasmacytic lymphoma	15	1	4	4	8	4	3	6	7	6	9	3	70
Splenic marginal zone lymphoma	3	1	0	3	2	1	2	1	1	0	1	2	17
Hairy cell leukemia	0	0	1	0	0	0	0	0	0	0	0	0	1
MALT lymphoma	8	4	0	0	5	2	2	4	2	0	3	1	31
Nodal marginal zone B-cell lymphoma	9	4	2	2	2	1	2	2	3	1	4	0	32
Follicular lymphoma	496	137	148	122	126	120	88	114	103	108	108	79	1,749
Mantle cell lymphoma	123	40	40	43	60	38	45	41	57	54	51	71	663
Aggressive	1,408	407	448	412	474	467	465	518	510	484	486	496	6,575
B-cell prolymphocytic leukemia	9	2	3	6	0	4	4	1	1	2	2	3	37
Diffuse large B-cell lymphoma	1,221	355	403	349	413	400	412	460	437	425	421	435	5,731
Mediastinal (thymic) large B-cell lymphoma	58	14	16	17	15	20	18	8	18	15	15	10	224
Intravascular large B-cell lymphoma	39	19	12	16	12	14	5	15	18	10	10	13	183
Primary effusion lymphoma	0	1	0	0	1	0	1	0	0	0	0	1	4
High-grade B-cell lymphoma, Burkitt-like	2	0	0	0	7	2	3	7	12	6	12	11	62
Burkitt lymphoma/leukemia	77	15	9	15	14	20	12	9	7	13	7	9	207
Lymphomatoid granulomatosis	1	0	0	0	0	0	0	1	0	0	0	0	2
Primary CNS lymphoma	1	1	5	9	12	7	10	17	17	13	19	14	125

疾患名 disease	'91~'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	合計 Total
Unknown	29	0	0	0	1	0	0	0	0	0	0	1	31
Mature T cell/NK cell neoplasm	505	124	154	149	172	186	190	207	180	183	174	201	2,425
T-cell prolymphocytic leukemia	5	3	1	2	1	1	1	2	2	0	2	3	23
T-cell LGL leukemia	2	0	0	0	0	0	1	0	0	0	0	0	3
Aggressive NK cell leukemia	12	1	2	3	3	2	3	4	1	3	7	5	46
Extranodal NK/T cell lymphoma, nasal type	68	24	27	32	28	33	45	42	25	28	32	45	429
Enteropathy-type T-cell lymphoma	5	8	2	3	5	5	6	10	9	10	7	7	77
Hepatosplenic T-cell lymphoma	9	3	4	1	2	4	3	5	2	5	5	3	46
Subcutaneous panniculitis-like T-cell lymphoma	11	3	5	3	3	4	6	1	3	3	3	2	47
Mycosis fungoides	6	1	2	2	5	5	4	6	9	6	4	7	57
Sezary syndrome	1	3	0	3	3	4	0	3	3	2	0	2	24
Primary cutaneous anaplastic large cell lymphoma	4	0	0	0	3	2	3	4	4	0	3	4	27
Lymphomatoid papulosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Borderline lesion	1	1	0	0	0	0	0	0	0	0	1	0	3
Angioimmunoblastic T-cell lymphoma	74	25	31	25	35	43	30	36	38	39	44	50	470
Peripheral T-cell lymphoma, unspecified	170	33	55	56	64	60	62	69	63	59	47	56	794
Anaplastic large cell lymphoma	117	19	25	19	20	22	26	25	21	28	19	17	358
Unknown	20	0	0	0	0	1	0	0	0	0	0	0	21
Others	226	21	10	7	8	16	11	17	12	22	15	15	380
Unclassified	44	7	1	1	5	3	1	3	2	1	5	4	77
Unknown	3,216	0	0	0	0	1	1	0	1	1	0	0	3,220
Hodgkin's lymphoma	492	67	68	58	67	94	80	79	76	75	80	103	1,339
Nodular lymphocyte predominance Hodgkin's lymphoma	29	16	8	4	12	14	14	7	11	9	14	13	151
Classical Hodgkin's lymphoma	108	46	58	50	53	74	65	65	61	64	62	86	792
Nodular sclerosis Hodgkin's lymphoma	56	24	27	26	30	41	40	39	37	36	37	50	443
Lymphocyte-rich classical Hodgkin's lymphoma	10	4	5	5	4	13	7	9	4	6	4	9	80
Mixed cellularity Hodgkin's lymphoma	0	1	5	1	3	1	1	0	2	1	0	2	17
Lymphocyte depletion Hodgkin's lymphoma	40	17	21	18	16	19	17	17	18	20	20	25	248
Unknown	2	0	0	0	0	0	0	0	0	1	1	0	4
Others	11	3	0	1	1	4	1	3	1	0	2	3	30
Unclassified	10	1	2	1	1	2	0	3	3	2	2	1	28
Unknown	334	1	0	2	0	0	0	1	0	0	0	0	338
Other lymphoma	33	13	18	17	15	26	20	17	29	13	19	25	245
Type unknown	337	18	15	32	16	17	16	29	13	15	15	37	560
形質細胞性腫瘍 Plasma cell dyscrasia	1,799	458	426	438	469	538	497	635	650	735	713	690	8,048
多発性骨髄腫 Multiple myeloma	1,670	417	370	384	399	451	425	552	577	650	606	600	7,101
形質細胞腫	12	1	8	2	3	12	15	12	13	9	20	14	121
アミロイドーシス	42	20	21	18	31	37	26	36	32	34	44	34	375
形質細胞性白血病	8	7	8	6	7	13	9	10	7	14	13	7	109
重鎖病	0	0	0	1	0	0	0	0	0	0	0	0	1
POEMS症候群	10	9	14	18	16	14	13	12	13	17	19	15	170
その他の形質細胞性腫瘍	57	4	5	9	13	11	9	13	8	11	11	20	171
固形腫瘍 Solid tumors	3,297	188	186	205	183	175	175	170	142	136	149	133	5,139
乳癌 Breast cancer	440	1	0	4	1	2	0	0	0	0	0	0	448
卵巢癌 Ovarian cancer	163	1	1	1	0	0	0	1	0	0	0	0	167
横紋筋肉腫 Rhabdomyosarcoma	312	15	25	19	21	15	17	14	15	8	6	10	477
胚細胞腫瘍 Germ cell tumor	442	19	17	13	18	13	9	9	12	8	6	7	573
肺癌 Lung cancer	123	0	1	0	0	1	0	2	0	0	0	1	128
肺芽腫 Pulmonary blastoma	11	3	0	2	0	4	1	0	1	2	0	0	24
ユーイング肉腫 Ewing's sarcoma	209	14	11	15	18	16	23	16	12	7	13	4	358
神経芽腫 Neuroblastoma	692	58	55	76	63	66	61	60	55	57	68	66	1,377
中枢神経腫瘍 CNS tumors	258	30	37	34	37	26	33	34	21	34	28	17	589
腎臓癌 Renal cancer	89	5	4	5	2	2	2	1	1	5	2	2	120
その他の悪性腫瘍 Other malignant tumors	558	42	35	36	23	30	29	33	25	15	26	26	878
再生不良性貧血 Aplastic anemia	1,141	115	99	112	109	92	124	128	102	94	97	90	2,303
赤芽球癆PRCA	20	2	1	0	1	2	0	0	1	2	0	1	30
発作性夜間血色素尿症PNH	20	3	2	2	2	2	2	1	1	2	3	1	41
その他 Other diseases	724	91	78	106	83	108	118	91	107	106	118	112	1,842
免疫不全症	234	30	29	29	27	26	36	28	39	28	37	39	582
先天性代謝異常	152	10	5	15	8	20	11	15	10	19	14	8	287
慢性活動性EBV感染症	59	17	19	24	17	33	28	15	24	26	29	29	320

疾患名 disease	'91~'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	合計 Total
血球貪食症候群HPS	94	13	7	17	12	10	20	11	10	12	11	6	223
自己免疫疾患	35	5	4	7	3	3	4	8	2	2	0	1	74
先天性造血障害	119	14	14	14	13	14	15	13	19	14	21	26	296
その他の少数報告例	31	2	0	0	3	2	4	1	3	5	6	3	60
診断名不明	37	3	0	2	0	0	0	0	0	2	0	0	44

* 悪性リンパ腫は2005年度調査までにWorking Formulation 分類で収集されたものと、2006年度以降調査のWHO 分類で収集されたものを別々に表示してある。また、Working Formulation 分類で収集された大半のデータをデータ一元化に伴いWHO 分類に統一した。その際に変換不可能だったデータはUnknown となっている。

* Data of malignant lymphoma include those collected until 2005 with the Working Formulation classification and those collected in 2006 or after with the WHO classification. Several data collected until 2005 were converted to the WHO classification as a part of data unification. Those which would not be converted are included to "Unknown" category.