

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2018年の初回の移植報告)

(Dataset 3: reported first transplants conducted between 1991 and 2018)

疾患名 disease	'91~'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	合計 Total
白血病 Leukemia	21,139	1,945	1,984	2,166	2,232	2,326	2,350	2,433	2,493	2,424	2,571	2,379	46,442
急性骨髄性白血病 AML	8,926	997	1,035	1,141	1,134	1,169	1,191	1,221	1,243	1,204	1,295	1,164	21,720
M0	564	77	81	83	89	111	99	85	68	68	92	80	1,497
M1	1,160	127	134	152	172	162	158	171	172	166	177	158	2,909
M2	2,893	366	399	408	390	395	441	453	466	445	488	445	7,589
M3	627	43	41	52	45	38	40	41	46	34	35	26	1,068
M4	1,195	141	148	132	146	154	147	156	164	151	152	128	2,814
M5	900	96	95	105	105	87	103	105	107	109	117	122	2,051
M6	318	47	43	58	59	59	60	75	72	81	55	43	970
M7	204	24	30	38	32	31	23	30	32	28	25	22	519
AML:その他	1,065	76	64	113	96	132	120	105	116	122	154	140	2,303
急性リンパ性白血病 ALL	6,131	492	490	492	537	561	486	526	538	531	552	519	11,855
L1	1,618	184	169	165	210	186	156	166	187	196	185	159	3,581
L2	2,381	277	292	285	279	323	286	298	310	289	298	277	5,595
L3	103	9	6	17	9	5	2	12	9	5	10	8	195
ALL:その他	2,029	22	23	25	39	47	42	50	32	41	59	75	2,484
慢性骨髄性白血病 CML	2,886	69	47	66	80	58	69	74	77	78	70	61	3,635
骨髄異形成症候群 MDS	2,284	250	265	291	307	371	398	403	423	402	431	463	6,288
RA	651	88	73	83	91	124	128	128	108	116	94	101	1,785
RARS	30	2	5	3	4	10	12	7	9	10	25	15	132
RAEB	727	95	116	144	155	168	174	193	225	196	206	219	2,618
RAEBt	383	29	33	24	20	28	26	29	31	17	28	33	681
CMMoL	159	15	18	19	16	20	21	19	20	28	25	30	390
JMML	111	9	10	12	11	8	14	6	3	7	17	11	219
MDS:不明・未記入	223	12	10	6	10	13	23	21	27	28	36	54	463
その他の白血病 Other leukemias	912	137	147	176	174	167	206	209	212	209	223	172	2,944
成人T細胞性 ATL	711	117	122	141	141	145	169	174	159	169	175	136	2,359
その他の白血病	201	20	25	35	33	22	37	35	53	40	48	36	585
骨髄増殖性疾患	119	26	32	25	39	36	40	40	35	42	52	60	546
悪性リンパ腫 Malignant lymphoma	9,267	927	1,040	1,049	1,033	1,127	1,077	1,051	1,065	1,170	1,185	1,139	21,130
Non-Hodgkin's lymphoma	8,212	823	942	914	918	1,011	959	949	956	1,020	1,067	1,005	18,776
Precursor B-cell neoplasm	192	39	32	25	47	31	28	32	40	30	31	27	554
Precursor T cell neoplasm	297	32	35	37	48	47	44	45	26	47	34	32	724
NK-cell neoplasm	57	5	9	8	4	5	5	3	6	7	2	6	117
Precursor NK cell ALL	2	2	1	0	0	0	0	1	0	0	0	2	8
Blastic NK cell lymphoma	49	3	8	8	4	5	5	2	6	6	2	4	102
Unknown	6	0	0	0	0	0	0	0	0	1	0	0	7
Mature B cell neoplasm	3,371	590	681	637	616	696	686	661	685	706	780	707	10,816
Indolent	1,067	175	205	168	150	172	173	172	187	170	164	158	2,961
Chronic lymphocytic leukemia /Small lymphocytic lymphoma	21	1	2	2	6	3	0	3	4	3	3	3	51
Lymphoplasmacytic lymphoma	20	4	8	4	3	6	7	6	9	3	8	3	81
Splenic marginal zone lymphoma	4	3	2	1	2	1	1	0	1	2	0	1	18
Hairy cell leukemia	1	0	0	0	0	0	0	0	0	0	0	0	1
MALT lymphoma	12	0	5	2	3	4	2	0	3	1	1	2	35
Nodal marginal zone B-cell lymphoma	15	2	2	1	2	2	3	1	4	0	2	4	38
Follicular lymphoma	788	122	126	120	88	115	103	108	110	87	94	95	1,956
Mantle cell lymphoma	206	43	60	38	46	41	57	54	56	74	56	50	781
Aggressive	2,275	415	475	469	466	524	513	489	498	535	615	549	7,823
B-cell prolymphocytic leukemia	14	6	0	4	4	1	1	2	3	4	2	2	43
Diffuse large B-cell lymphoma	1,991	352	414	402	413	465	440	430	432	470	524	474	6,807
Mediastinal (thymic) large B-cell lymphoma	88	17	15	20	18	8	18	15	15	10	20	9	253
Intravascular large B-cell lymphoma	70	16	12	14	5	16	18	10	10	13	21	16	221
Primary effusion lymphoma	1	0	1	0	1	0	0	0	0	1	1	0	5
High-grade B-cell lymphoma, Burkitt-like	2	0	7	2	3	7	12	6	12	11	12	25	99
Burkitt lymphoma/leukemia	101	15	14	20	12	9	7	13	7	9	9	6	222
Lymphomatoid granulomatosis	1	0	0	0	0	1	0	0	0	0	0	0	2
Primary CNS lymphoma	7	9	12	7	10	17	17	13	19	17	26	17	171

疾患名 disease	'91~'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	合計 Total
Unknown	29	0	1	0	0	0	0	0	0	1	1	0	32
Mature T cell/NK cell neoplasm	790	149	172	187	190	211	180	185	179	210	197	209	2,859
T-cell prolymphocytic leukemia	9	2	1	1	1	2	2	0	2	3	2	3	28
T-cell LGL leukemia	2	0	0	1	1	0	0	0	0	0	0	0	4
Aggressive NK cell leukemia	15	3	3	2	3	4	1	3	8	5	4	6	57
Extranodal NK/T cell lymphoma, nasal type	120	32	28	33	45	42	25	28	32	46	35	49	515
Enteropathy-type T-cell lymphoma	15	3	5	5	6	10	9	10	8	9	6	9	95
Hepatosplenic T-cell lymphoma	17	1	2	4	3	5	2	5	5	4	5	3	56
Subcutaneous panniculitis-like T-cell lymphoma	19	3	3	4	6	1	3	3	3	2	3	1	51
Mycosis fungoides	9	2	5	5	4	6	9	6	4	7	9	11	77
Sezary syndrome	4	3	3	4	0	3	3	2	0	2	2	3	29
Primary cutaneous anaplastic large cell lymphoma	5	0	3	2	3	4	4	0	3	4	1	2	31
Lymphomatoid papulosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Borderline lesion	2	0	0	0	0	0	0	0	1	0	0	1	4
Angioimmunoblastic T-cell lymphoma	130	25	35	43	30	37	37	39	44	52	39	43	554
Peripheral T-cell lymphoma, unspecified	261	56	64	60	62	71	64	61	49	59	64	55	926
Anaplastic large cell lymphoma	162	19	20	22	26	26	21	28	20	17	27	23	411
Unknown	20	0	0	1	0	0	0	0	0	0	0	0	21
Others	256	7	8	16	11	18	13	22	15	16	21	21	424
Unclassified	55	1	5	3	1	3	2	1	5	4	2	2	84
Unknown	3,194	0	0	1	1	0	1	0	0	0	0	1	3,198
Hodgkin's lymphoma	628	58	67	94	80	80	76	77	82	108	70	79	1,499
Nodular lymphocyte predominance Hodgkin's lymphoma	54	4	12	14	14	7	11	9	14	14	10	8	171
Classical Hodgkin's lymphoma	217	51	53	74	65	66	61	66	64	90	55	67	929
Nodular sclerosis Hodgkin's lymphoma	110	27	30	41	40	39	37	36	37	51	37	37	522
Lymphocyte-rich classical Hodgkin's lymphoma	20	5	4	13	7	10	4	6	5	10	3	7	94
Mixed cellularity Hodgkin's lymphoma	6	1	3	1	1	0	2	1	0	2	0	0	17
Lymphocyte depletion Hodgkin's lymphoma	79	18	16	19	17	17	18	22	21	27	14	21	289
Unknown	2	0	0	0	0	0	0	1	1	0	1	2	7
Others	14	1	1	4	1	3	1	0	2	3	2	3	35
Unclassified	11	1	1	2	0	3	3	2	2	1	3	1	30
Unknown	332	1	0	0	0	1	0	0	0	0	0	0	334
Other lymphoma	64	16	17	26	20	17	29	14	18	25	27	22	295
Type unknown	363	30	14	15	15	19	13	11	9	17	21	33	560
形質細胞性腫瘍 Plasma cell dyscrasia	2,682	438	469	539	497	635	652	738	720	712	809	830	9,721
多発性骨髄腫 Multiple myeloma	2,456	384	400	454	428	556	579	655	612	627	695	694	8,540
形質細胞腫	21	2	3	12	15	12	13	9	20	15	14	12	148
アミロイドーシス	83	18	31	37	26	36	32	34	45	34	50	43	469
形質細胞性白血病	23	6	7	13	9	10	7	14	13	8	16	13	139
重鎖病	0	1	0	0	0	0	0	0	0	0	0	0	1
POEMS症候群	33	18	16	14	13	12	14	17	19	16	14	18	204
その他の形質細胞性腫瘍	66	9	12	9	6	9	7	9	11	12	20	50	220
固形腫瘍 Solid tumors	3,673	206	183	175	175	170	144	138	157	140	153	131	5,445
乳癌 Breast cancer	441	4	1	2	0	0	0	0	0	0	0	0	448
卵巢癌 Ovarian cancer	165	1	0	0	0	1	0	0	0	0	0	0	167
横紋筋肉腫 Rhabdomyosarcoma	352	19	21	15	17	14	15	8	6	11	5	6	489
胚細胞腫瘍 Germ cell tumor	478	13	18	13	9	9	12	8	6	7	11	10	594
肺癌 Lung cancer	124	0	0	1	0	2	0	0	0	1	0	0	128
肺芽腫 Pulmonary blastoma	14	2	0	4	1	0	1	2	0	0	0	0	24
ユーイング肉腫 Ewing's sarcoma	234	15	18	16	23	16	12	7	13	4	8	10	376
神経芽腫 Neuroblastoma	806	76	63	66	61	60	56	58	73	71	63	53	1,506
中枢神経腫瘍 CNS tumors	325	34	37	26	33	34	21	34	28	18	41	34	665
腎臓癌 Renal cancer	98	5	2	2	2	1	1	5	1	2	5	1	125
その他の悪性腫瘍 Other malignant tumors	636	37	23	30	29	33	26	16	30	26	20	17	923
再生不良性貧血 Aplastic anemia	1,355	112	109	92	124	128	102	94	97	92	90	86	2,481
赤芽球癆PRCA	23	0	1	2	0	0	1	2	0	2	2	1	34
発作性夜間血色素尿症PNH	25	2	2	2	2	1	1	2	3	1	0	1	42
その他 Other diseases	896	106	83	108	118	91	107	106	118	113	106	120	2,072
免疫不全症	293	29	27	26	36	28	39	28	37	39	39	41	662
先天性代謝異常	167	15	8	20	11	15	10	19	14	8	5	14	306
慢性活動性EBV感染症	98	24	17	33	28	15	24	26	29	30	30	30	384

疾患名 disease	'91~'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	合計 Total
血球貪食症候群HPS	114	17	12	10	20	11	10	12	11	6	8	5	236
自己免疫疾患	44	7	3	3	4	8	2	2	0	1	0	4	78
先天性造血障害	147	14	13	14	15	13	19	14	21	26	22	23	341
その他の少数報告例	33	0	3	2	4	1	3	5	6	3	2	3	65
診断名不明	39	2	0	0	0	0	0	2	0	1	1	0	45

* 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.