

表10.1 疾患大分類別の移植件数の年次推移

Trends of stem cell transplants by large disease category

(集計データセット4: 1986 から2018 年の全移植)

(Dataset 4: all reported transplants conducted between 1986 and 2018)

| 疾患大分類 Disease category | '86 | '87 | '88 | '89 | '90 | '91 | '92 | '93 | '94 | '95 | '96 |
|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|
| 急性骨髄性白血病 AML | 41 | 38 | 61 | 65 | 151 | 200 | 248 | 237 | 314 | 365 | 423 |
| 急性リンパ性白血病 ALL | 33 | 42 | 35 | 73 | 145 | 204 | 206 | 286 | 315 | 337 | 409 |
| 慢性骨髄性白血病 CML | 9 | 18 | 40 | 41 | 99 | 108 | 96 | 140 | 196 | 210 | 206 |
| 骨髄異形成症候群 MDS | 2 | 7 | 7 | 11 | 24 | 37 | 42 | 32 | 60 | 77 | 88 |
| その他の白血病 Other leukemias | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 2 | 4 | 5 | 9 |
| 骨髄増殖性疾患 MPD | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 |
| 悪性リンパ腫 Malignant lymphoma | 17 | 17 | 15 | 22 | 52 | 100 | 129 | 156 | 237 | 303 | 437 |
| 形質細胞性腫瘍 MM/PCD | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 10 | 13 | 31 | 42 |
| 固形腫瘍 Solid tumors | 30 | 15 | 37 | 52 | 77 | 124 | 150 | 192 | 236 | 283 | 328 |
| 再生不良性貧血 Aplastic anemia | 17 | 17 | 25 | 39 | 40 | 64 | 60 | 62 | 73 | 76 | 68 |
| 赤芽球癆 Pure red cell anemia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 1 |
| 発作性夜間血色素尿症 PNH | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 1 |
| 先天性造血障害 Congenital BM failure | 1 | 3 | 3 | 3 | 2 | 2 | 6 | 3 | 5 | 10 | 10 |
| EBV関連疾患 EBV related disorders | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 血球貪食症候群 HPS | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 3 | 4 | 5 |
| 自己免疫疾患 Autoimmune disease | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 先天性代謝異常 Inherited metabolic disease | 2 | 0 | 3 | 2 | 4 | 5 | 7 | 6 | 8 | 8 | 12 |
| 免疫不全症 Primary immune deficiencies | 3 | 1 | 3 | 6 | 4 | 6 | 8 | 10 | 10 | 7 | 15 |
| その他 Others | 1 | 1 | 2 | 3 | 4 | 0 | 1 | 2 | 1 | 1 | 1 |
| 合計 Total | 157 | 159 | 232 | 318 | 603 | 854 | 964 | 1,140 | 1,478 | 1,722 | 2,056 |

| 疾患大分類 Disease category | '97 | '98 | '99 | '00 | '01 | '02 | '03 | '04 | '05 | '06 | '07 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 急性骨髄性白血病 AML | 477 | 511 | 523 | 590 | 695 | 744 | 857 | 869 | 1,032 | 1,050 | 1,076 |
| 急性リンパ性白血病 ALL | 401 | 402 | 388 | 437 | 446 | 482 | 541 | 497 | 525 | 526 | 535 |
| 慢性骨髄性白血病 CML | 221 | 249 | 272 | 325 | 325 | 187 | 123 | 129 | 115 | 87 | 77 |
| 骨髄異形成症候群 MDS | 90 | 101 | 124 | 160 | 195 | 205 | 217 | 254 | 278 | 285 | 303 |
| その他の白血病 Other leukemias | 11 | 17 | 31 | 42 | 64 | 92 | 112 | 136 | 128 | 150 | 153 |
| 骨髄増殖性疾患 MPD | 1 | 3 | 7 | 5 | 11 | 6 | 11 | 20 | 22 | 19 | 21 |
| 悪性リンパ腫 Malignant lymphoma | 462 | 581 | 671 | 749 | 762 | 824 | 930 | 899 | 1,013 | 1,090 | 1,134 |
| 形質細胞性腫瘍 MM/PCD | 79 | 73 | 117 | 178 | 232 | 324 | 435 | 521 | 517 | 658 | 641 |
| 固形腫瘍 Solid tumors | 360 | 403 | 360 | 343 | 315 | 310 | 258 | 221 | 240 | 230 | 236 |
| 再生不良性貧血 Aplastic anemia | 65 | 76 | 79 | 93 | 100 | 95 | 107 | 106 | 98 | 122 | 109 |
| 赤芽球癆 Pure red cell anemia | 2 | 4 | 1 | 3 | 1 | 2 | 1 | 2 | 1 | 2 | 1 |
| 発作性夜間血色素尿症 PNH | 0 | 3 | 1 | 3 | 5 | 1 | 1 | 2 | 4 | 4 | 2 |
| 先天性造血障害 Congenital BM failure | 4 | 4 | 13 | 8 | 16 | 12 | 8 | 10 | 16 | 15 | 14 |
| EBV関連疾患 EBV related disorders | 2 | 2 | 5 | 2 | 5 | 14 | 7 | 10 | 20 | 17 | 23 |
| 血球貪食症候群 HPS | 6 | 10 | 8 | 11 | 13 | 9 | 15 | 13 | 9 | 16 | 8 |
| 自己免疫疾患 Autoimmune disease | 1 | 1 | 2 | 5 | 1 | 5 | 6 | 7 | 9 | 7 | 4 |
| 先天性代謝異常 Inherited metabolic disease | 8 | 17 | 15 | 18 | 17 | 15 | 10 | 8 | 14 | 11 | 7 |
| 免疫不全症 Primary immune deficiencies | 9 | 27 | 24 | 21 | 16 | 28 | 16 | 31 | 31 | 31 | 33 |
| その他 Others | 3 | 4 | 4 | 5 | 6 | 5 | 18 | 15 | 9 | 5 | 0 |
| 合計 Total | 2,202 | 2,488 | 2,645 | 2,998 | 3,225 | 3,360 | 3,673 | 3,750 | 4,081 | 4,325 | 4,377 |

| 疾患大分類 Disease category | '08 | '09 | '10 | '11 | '12 | '13 | '14 | '15 | '16 | '17 | '18 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 急性骨髄性白血病 AML | 1,203 | 1,284 | 1,412 | 1,396 | 1,458 | 1,466 | 1,520 | 1,556 | 1,514 | 1,596 | 1,438 |
| 急性リンパ性白血病 ALL | 590 | 606 | 593 | 652 | 699 | 606 | 635 | 657 | 637 | 679 | 645 |
| 慢性骨髄性白血病 CML | 82 | 57 | 71 | 90 | 64 | 75 | 88 | 89 | 90 | 80 | 74 |
| 骨髄異形成症候群 MDS | 280 | 315 | 340 | 373 | 428 | 480 | 472 | 483 | 474 | 505 | 534 |
| その他の白血病 Other leukemias | 148 | 158 | 191 | 191 | 186 | 226 | 224 | 230 | 232 | 243 | 194 |
| 骨髄増殖性疾患 MPD | 28 | 34 | 30 | 46 | 40 | 43 | 46 | 41 | 46 | 57 | 69 |
| 悪性リンパ腫 Malignant lymphoma | 1,065 | 1,180 | 1,218 | 1,158 | 1,312 | 1,231 | 1,230 | 1,230 | 1,333 | 1,346 | 1,283 |
| 形質細胞性腫瘍 MM/PCD | 608 | 619 | 688 | 618 | 764 | 822 | 908 | 880 | 825 | 925 | 987 |
| 固形腫瘍 Solid tumors | 273 | 250 | 269 | 249 | 263 | 216 | 209 | 247 | 204 | 244 | 217 |
| 再生不良性貧血 Aplastic anemia | 126 | 119 | 102 | 139 | 144 | 114 | 102 | 108 | 109 | 99 | 90 |
| 赤芽球癆 Pure red cell anemia | 1 | 1 | 2 | 0 | 0 | 1 | 2 | 0 | 2 | 2 | 1 |
| 発作性夜間血色素尿症 PNH | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 3 | 1 | 0 | 1 |
| 先天性造血障害 Congenital BM failure | 14 | 18 | 15 | 18 | 15 | 24 | 14 | 24 | 26 | 27 | 29 |
| EBV関連疾患 EBV related disorders | 25 | 19 | 39 | 31 | 17 | 27 | 33 | 33 | 36 | 36 | 33 |
| 血球貪食症候群 HPS | 18 | 13 | 12 | 24 | 12 | 13 | 12 | 18 | 9 | 9 | 5 |
| 自己免疫疾患 Autoimmune disease | 8 | 4 | 3 | 4 | 8 | 2 | 3 | 0 | 1 | 0 | 4 |
| 先天性代謝異常 Inherited metabolic disease | 16 | 8 | 22 | 12 | 19 | 10 | 19 | 16 | 12 | 7 | 17 |
| 免疫不全症 Primary immune deficiencies | 31 | 29 | 28 | 38 | 36 | 45 | 36 | 45 | 40 | 44 | 48 |
| その他 Others | 3 | 5 | 2 | 4 | 2 | 3 | 9 | 7 | 4 | 5 | 4 |
| 合計 Total | 4,521 | 4,721 | 5,039 | 5,045 | 5,468 | 5,405 | 5,564 | 5,667 | 5,595 | 5,904 | 5,673 |

| 疾患大分類 Disease category | 合計 |
|-------------------------------------|---------|
| 急性骨髄性白血病 AML | 26,410 |
| 急性リンパ性白血病 ALL | 14,264 |
| 慢性骨髄性白血病 CML | 4,133 |
| 骨髄異形成症候群 MDS | 7,283 |
| その他の白血病 Other leukemias | 3,184 |
| 骨髄増殖性疾患 MPD | 611 |
| 悪性リンパ腫 Malignant lymphoma | 24,186 |
| 形質細胞性腫瘍 MM/PCD | 12,524 |
| 固形腫瘍 Solid tumors | 7,441 |
| 再生不良性貧血 Aplastic anemia | 2,843 |
| 赤芽球癆 Pure red cell anemia | 36 |
| 発作性夜間血色素尿症 PNH | 47 |
| 先天性造血障害 Congenital BM failure | 392 |
| EBV関連疾患 EBV related disorders | 437 |
| 血球貪食症候群 HPS | 279 |
| 自己免疫疾患 Autoimmune disease | 85 |
| 先天性代謝異常 Inherited metabolic disease | 355 |
| 免疫不全症 Primary immune deficiencies | 760 |
| その他 Others | 139 |
| 合計 Total | 105,409 |