

SUPPLEMENTARY TABLE S4. NUMBER OF REPORTED CELL AND TISSUE-ENGINEERED THERAPY TREATMENTS IN EUROPE IN 2017 AND [2016] SORTED BY PROCESSING MODE

| Indication | Cell processing | | | | | | | | | | External facility | |
|---|-----------------|-------------|--------------|------------|-------------|-----------|------------|--------|--------------|-------------------|-------------------|------------|
| | Nonexp. | Expanded | Untransduced | Transduced | Unsorted | Sorted | Automated | Manual | Own facility | External facility | | |
| Cardiovascular | | | | | | | | | | | | |
| Peripheral artery disease | 6 [13] | | 6 [13] | | 6 [13] | | 6 [3] | | 0 [10] | | 6 [13] | |
| Cardiomyopathy | 3 [16] | 1 [0] | 4 [16] | | 3 [16] | | 0 [6] | | 4 [10] | | 3 [16] | 1 [0] |
| Heart failure | 10 [36] | 5 [80] | 15 [116] | | 10 [87] | 5 [29] | 0 [104] | | 15 [12] | | 11 [116] | 4 [0] |
| Myocardial ischemia | 9 [2] | 54 [0] | 63 [2] | | 63 [2] | | 56 [0] | | 7 [2] | | 63 [2] | |
| Decubitus+leg ulcers | 10 [62] | 0 [17] | 10 [79] | | 10 [79] | | | | 10 [79] | | 10 [79] | |
| Other | 5 [196] | | 5 [196] | | 5 [0] | 0 [196] | 2 [196] | | 3 [0] | | 5 [98] | 0 [98] |
| Musculoskeletal/rheumatological | | | | | | | | | | | | |
| Bone repair (maxillofacial) | 0 [4] | 1 [9] | 1 [13] | | 1 [13] | | 1 [4] | | 0 [9] | | 1 [13] | |
| Bone repair (orthopedics) | 6 [13] | 9 [55] | 15 [68] | | 8 [66] | 7 [2] | 8 [7] | | 7 [61] | | 13 [64] | 2 [4] |
| Osteogenesis imperfecta | | 2 [0] | 2 [0] | | 2 | | | | 2 [0] | | | 2 [0] |
| Cartilage repair (maxillofacial) | 0 [3] | 0 [32] | 0 [35] | | 0 [35] | | | | 0 [35] | | 0 [35] | |
| Cartilage repair (orthopedics) | 638 [36] | 474 [238] | 1112 [274] | | 891 [266] | 221 [8] | 776 [1] | | 336 [273] | | 821 [114] | 291 [160] |
| Muscle repair | 12 [5] | 0 [24] | 12 [29] | | 12 [29] | | 12 [5] | | 0 [24] | | 12 [29] | |
| Tendon/ligament | 36 [17] | 0 [20] | 36 [37] | | 36 [37] | | 0 [20] | | 36 [17] | | 36 [37] | |
| Reconstructive surgery/tissue enhancement | 0 [28] | 11 [20] | 11 [48] | | 11 [48] | | 0 [10] | | 11 [38] | | 11 [34] | 0 [14] |
| Scleroderma | 2 [0] | 6 [7] | 8 [7] | | 8 [6] | | 2 [2] | | 6 [5] | | 8 [7] | |
| Arthritis | 2 [109] | 20 [440] | 22 [549] | | 14 [549] | 8 [0] | 2 [232] | | 20 [317] | | 14 [347] | 8 [202] |
| Other | 0 [8] | 32 [83] | 32 [91] | | 7 [91] | 25 [0] | 25 [36] | | 7 [55] | | 7 [57] | 25 [34] |
| Neurological | | | | | | | | | | | | |
| Multiple Sclerosis | 34 [28] | 10 [35] | 44 [63] | | 44 [63] | | 13 [10] | | 31 [53] | | 20 [46] | 24 [17] |
| Amyotrophic lateral sclerosis | | 52 [20] | 52 [20] | | 52 [20] | | | | 52 [20] | | 46 [20] | 6 [0] |
| Parkinson's | 0 [1] | | 0 [1] | | 0 [1] | | | | 0 [1] | | 0 [1] | |
| Peripheral nerve regeneration (trauma) | 0 [1] | 0 [8] | 0 [9] | | 0 [8] | | 0 [1] | | 0 [9] | | 0 [9] | |
| Other | 10 [45] | 69 [19] | 79 [64] | | 79 [24] | 0 [40] | 10 [5] | | 69 [59] | | 10 [64] | 69 [0] |
| Gastrointestinal | | | | | | | | | | | | |
| Crohn's disease | | 0 [17] | 0 [17] | | 0 [17] | | | | 0 [17] | | 0 [17] | |
| Liver insufficiency | | 2 [16] | 2 [16] | | 2 [11] | | | | 2 [16] | | 2 [11] | 0 [5] |
| Hematology/oncology | | | | | | | | | | | | |
| Hematological malignancies | 810 [35] | 908 [1549] | 1638 [1533] | | 1504 [1467] | 214 [117] | 889 [29] | | 829 [1555] | | 1692 [174] | 26 [1410] |
| Solid tumor | 20 [53] | 70 [64] | 75 [106] | | 80 [91] | 10 [26] | 9 [1] | | 81 [116] | | 79 [63] | 11 [54] |
| Miscellaneous | | | | | | | | | | | | |
| Skin reconstruction—burns | 1 [312] | 43 [22] | 44 [334] | | 44 [334] | | | | 44 [334] | | 44 [320] | 0 [14] |
| Cornea repair | | 19 [20] | 19 [20] | | 19 [20] | | | | 19 [20] | | 16 [20] | 3 [0] |
| Diabetes | 3 [0] | 18 [14] | 21 [14] | | 12 [14] | 9 [0] | 9 [3] | | 12 [11] | | 21 [14] | |
| Other | 248 [271] | 64 [398] | 312 [669] | | 308 [666] | 4 [3] | 11 [1] | | 301 [668] | | 311 [669] | 1 [0] |
| Total | 1865 [1294] | 1870 [3207] | 3640 [4439] | | 3231 [4072] | 504 [429] | 1831 [675] | | 1904 [3826] | | 3262 [2489] | 473 [2012] |

nonexp., nonexpanded.