

Table 1. Estimated number of patients and samples of primary malignant tumour tissues, detailing the conservation mode and additional patient biospecimens that can be found in the BVT catalogue on June 2, 2023.

| Primary Tumour Classification<br>(ICD10 codes) | Patients<br>(estimation) | Tumour tissue<br>samples<br>(estimation) | Conservation mode of the tumour tissue<br>samples (estimation) |                                          |                    | Additional patient samples<br>(estimation) |       |       |
|------------------------------------------------|--------------------------|------------------------------------------|----------------------------------------------------------------|------------------------------------------|--------------------|--------------------------------------------|-------|-------|
|                                                |                          |                                          | Paraffin                                                       | Stored at -80°C<br>(fresh frozen or OCT) | Liquid<br>nitrogen | Associated<br>normal tissue                | Blood | Serum |
| Lip (C00)                                      | 14                       | 54                                       | 6                                                              | 48                                       | 0                  | 5                                          | 27    | 27    |
| Base of tongue (C01)                           | 36                       | 58                                       | 20                                                             | 38                                       | 0                  | 10                                         | 1     | 1     |
| Tongue (C02)                                   | 158                      | 259                                      | 35                                                             | 224                                      | 0                  | 87                                         | 19    | 19    |
| Gum (C03)                                      | 16                       | 22                                       | 5                                                              | 17                                       | 0                  | 5                                          | 0     | 0     |
| Floor of mouth (C04)                           | 54                       | 81                                       | 15                                                             | 66                                       | 0                  | 23                                         | 0     | 0     |
| Palate (C05)                                   | 22                       | 40                                       | 12                                                             | 28                                       | 0                  | 5                                          | 0     | 0     |
| Mouth, non-otherwise specified (NOS)<br>(C06)  | 47                       | 76                                       | 19                                                             | 57                                       | 0                  | 9                                          | 0     | 0     |
| Parotid gland (C07)                            | 152                      | 274                                      | 72                                                             | 202                                      | 0                  | 56                                         | 7     | 7     |
| Salivary glands, NOS (C08)                     | 35                       | 52                                       | 13                                                             | 39                                       | 0                  | 5                                          | 0     | 0     |
| Tonsil (C09)                                   | 51                       | 103                                      | 18                                                             | 85                                       | 0                  | 4                                          | 29    | 29    |
| Oropharynx (C10)                               | 57                       | 179                                      | 13                                                             | 166                                      | 0                  | 76                                         | 99    | 99    |
| Nasopharynx (C11)                              | 42                       | 59                                       | 10                                                             | 49                                       | 0                  | 2                                          | 0     | 0     |
| Pyriform sinus (C12)                           | 55                       | 125                                      | 22                                                             | 103                                      | 0                  | 46                                         | 25    | 25    |
| Hypopharynx (C13)                              | 27                       | 70                                       | 13                                                             | 57                                       | 0                  | 34                                         | 27    | 27    |
| Lip, oral cavity and pharynx, NOS (C14)        | 30                       | 48                                       | 13                                                             | 35                                       | 0                  | 9                                          | 6     | 6     |
| Oesophagus (C15)                               | 296                      | 536                                      | 173                                                            | 363                                      | 0                  | 145                                        | 21    | 14    |
| Stomach (C16)                                  | 755                      | 1663                                     | 443                                                            | 1220                                     | 0                  | 624                                        | 107   | 50    |
| Small intestine (C17)                          | 302                      | 684                                      | 232                                                            | 452                                      | 0                  | 220                                        | 37    | 4     |
| Colon (C18)                                    | 3975                     | 8576                                     | 2488                                                           | 6088                                     | 0                  | 4877                                       | 939   | 613   |
| Rectosigmoid junction (C19)                    | 173                      | 481                                      | 122                                                            | 359                                      | 0                  | 305                                        | 146   | 65    |
| Rectum (C20)                                   | 577                      | 1061                                     | 354                                                            | 707                                      | 0                  | 609                                        | 84    | 69    |
| Anus and anal canal (C21)                      | 17                       | 29                                       | 13                                                             | 16                                       | 0                  | 9                                          | 0     | 0     |
| Liver and intrahepatic bile ducts (C22)        | 1313                     | 3217                                     | 944                                                            | 2273                                     | 0                  | 1257                                       | 135   | 90    |

|                                                        |       |       |      |       |   |      |      |      |
|--------------------------------------------------------|-------|-------|------|-------|---|------|------|------|
| Gallbladder (C23)                                      | 24    | 39    | 13   | 26    | 0 | 6    | 0    | 0    |
| Biliary tract, NOS (C24)                               | 95    | 157   | 51   | 106   | 0 | 37   | 4    | 0    |
| Pancreas (C25)                                         | 987   | 2039  | 653  | 1386  | 0 | 548  | 137  | 42   |
| Other ill-defined digestive organs (C26)               | 9     | 15    | 0    | 15    | 0 | 0    | 0    | 0    |
| Nasal cavity and middle ear (C30)                      | 46    | 70    | 20   | 50    | 0 | 8    | 0    | 0    |
| Accessory sinuses (C31)                                | 50    | 108   | 28   | 80    | 0 | 8    | 33   | 33   |
| Larynx (C32)                                           | 422   | 901   | 208  | 693   | 0 | 237  | 206  | 206  |
| Trachea (C33)                                          | 9     | 27    | 3    | 24    | 0 | 1    | 0    | 0    |
| Bronchus and lung (C34)                                | 3456  | 7644  | 1733 | 5910  | 1 | 3572 | 1161 | 1105 |
| Thymus (C37)                                           | 144   | 391   | 78   | 308   | 5 | 54   | 63   | 34   |
| Heart, mediastinum and pleura (C38)                    | 94    | 214   | 53   | 161   | 0 | 15   | 14   | 23   |
| Respiratory system and intrathoracic organs, NOS (C39) | 1     | 5     | 0    | 5     | 0 | 0    | 0    | 0    |
| Bone and articular cartilage (C40, C41)                | 622   | 1296  | 280  | 1016  | 0 | 184  | 2    | 0    |
| Malignant melanoma of skin (C43)                       | 256   | 515   | 214  | 301   | 0 | 17   | 18   | 12   |
| Malignant neoplasms of skin (C44)                      | 311   | 621   | 191  | 430   | 0 | 102  | 14   | 14   |
| Mesothelioma (C45)                                     | 160   | 524   | 123  | 401   | 0 | 86   | 86   | 46   |
| Kaposi's sarcoma (C46)                                 | 28    | 47    | 17   | 30    | 0 | 2    | 2    | 0    |
| Soft tissues (C47, C49)                                | 1532  | 3823  | 916  | 2907  | 0 | 719  | 43   | 26   |
| Retroperitoneum and peritoneum (C48)                   | 298   | 892   | 261  | 631   | 0 | 64   | 97   | 46   |
| Breast (C50)                                           | 15254 | 24166 | 7957 | 16209 | 0 | 7631 | 1192 | 873  |
| Vulva (C51)                                            | 55    | 109   | 22   | 87    | 0 | 47   | 19   | 19   |
| Vagina (C52)                                           | 22    | 63    | 18   | 45    | 0 | 13   | 4    | 0    |
| Cervix uteri (C53)                                     | 127   | 261   | 39   | 222   | 0 | 81   | 60   | 57   |
| Corpus uteri (C54)                                     | 507   | 1210  | 322  | 888   | 0 | 368  | 64   | 42   |
| Uterus (C55)                                           | 74    | 112   | 19   | 93    | 0 | 30   | 0    | 0    |
| Ovary (C56)                                            | 462   | 1202  | 232  | 970   | 0 | 114  | 77   | 78   |
| Female genital organs, NOS (C57)                       | 42    | 130   | 35   | 95    | 0 | 16   | 12   | 1    |
| Placenta (C58)                                         | 1     | 3     | 0    | 3     | 0 | 0    | 0    | 0    |
| Penis (C60)                                            | 26    | 52    | 9    | 43    | 0 | 13   | 0    | 0    |
| Prostate (C61)                                         | 997   | 1615  | 548  | 1067  | 0 | 157  | 0    | 50   |

|                                                                  |      |      |      |      |      |      |     |     |
|------------------------------------------------------------------|------|------|------|------|------|------|-----|-----|
| Testis (C62)                                                     | 343  | 664  | 182  | 482  | 0    | 197  | 0   | 0   |
| Male genital organs, NOS (C63)                                   | 11   | 26   | 9    | 17   | 0    | 0    | 0   | 0   |
| Kidney (C64)                                                     | 2539 | 5561 | 1743 | 3818 | 0    | 1958 | 215 | 195 |
| Renal pelvis (C65)                                               | 164  | 316  | 106  | 210  | 0    | 88   | 18  | 17  |
| Ureter (C66)                                                     | 51   | 105  | 42   | 63   | 0    | 35   | 17  | 17  |
| Bladder (C67)                                                    | 387  | 687  | 192  | 495  | 0    | 200  | 13  | 24  |
| Urinary organs, NOS (C68)                                        | 6    | 14   | 5    | 9    | 0    | 3    | 1   | 0   |
| Eye and adnexa (C69)                                             | 37   | 68   | 18   | 50   | 0    | 2    | 0   | 0   |
| Meninges (C70)                                                   | 56   | 162  | 18   | 144  | 0    | 0    | 9   | 9   |
| Brain (C71)                                                      | 2845 | 6362 | 1096 | 5266 | 0    | 32   | 676 | 573 |
| Spinal cord, cranial nerves and central nervous system NOS (C72) | 45   | 89   | 21   | 68   | 0    | 0    | 12  | 12  |
| Thyroid gland (C73)                                              | 1502 | 2299 | 860  | 1439 | 0    | 671  | 7   | 5   |
| Adrenal gland (C74)                                              | 237  | 536  | 153  | 383  | 0    | 67   | 5   | 4   |
| Endocrine glands, NOS (C75)                                      | 37   | 132  | 10   | 122  | 0    | 1    | 25  | 25  |
| Hodgkin's disease (C81)                                          | 989  | 1855 | 370  | 1471 | 14   | 15   | 163 | 164 |
| Non-Hodgkin-lymphoma (C82-C86)                                   | 3509 | 7283 | 1667 | 5263 | 353  | 213  | 516 | 485 |
| Malignant immunoproliferative diseases (C88)                     | 130  | 279  | 61   | 169  | 49   | 13   | 20  | 20  |
| Multiple myeloma (C90)                                           | 223  | 546  | 52   | 191  | 303  | 1    | 57  | 51  |
| Lymphoid leukaemia (C91)                                         | 312  | 1558 | 87   | 578  | 893  | 18   | 294 | 292 |
| Myeloid leukaemia (C92)                                          | 256  | 2463 | 28   | 411  | 2024 | 0    | 718 | 634 |
| Monocytic leukaemia (C93)                                        | 51   | 572  | 1    | 53   | 518  | 0    | 170 | 134 |
| Leukaemia other (C94-C95)                                        | 27   | 190  | 3    | 56   | 131  | 0    | 126 | 126 |
| Lymphoid, haematopoietic and related tissue, NOS (C96)           | 32   | 86   | 11   | 58   | 17   | 2    | 9   | 22  |
| Other and ill-defined sites (C76)                                | 4    | 8    | 2    | 6    | 0    | 0    | 0   | 0   |
| Unknown primary site (C80)                                       | 21   | 28   | 5    | 23   | 0    | 0    | 0   | 0   |
| Myeloproliferative disorders                                     | 38   | 259  | 9    | 114  | 136  | 3    | 30  | 31  |
| Myelodysplastic syndromes                                        | 106  | 463  | 0    | 30   | 433  | 0    | 76  | 65  |
| Basal-cell carcinomas (B44, B51)                                 | 95   | 161  | 57   | 104  | 0    | 10   | 0   | 0   |