

**eAPPENDIX. Pharmacy Data Transaction Service Data on 109 Cancer Medications<sup>a</sup>**

| <b>Cancer medication</b> | <b>Patients, No.</b> | <b>Antidepressant prescriptions, No.</b> |
|--------------------------|----------------------|------------------------------------------|
| Antineoplastics          |                      |                                          |
| Paclitaxel               | 371                  | 156                                      |
| Carboplatin              | 328                  | 118                                      |
| Cisplatin                | 310                  | 103                                      |
| Anastrozole              | 224                  | 92                                       |
| Cyclophosphamide         | 187                  | 89                                       |
| Docetaxel                | 180                  | 70                                       |
| Letrozole                | 131                  | 50                                       |
| Doxorubicin              | 123                  | 65                                       |
| Etoposide                | 114                  | 41                                       |
| Trastuzumab              | 93                   | 34                                       |
| Pemetrexed               | 77                   | 19                                       |
| Gemcitabine              | 74                   | 25                                       |
| Capecitabine             | 65                   | 24                                       |
| Pembrolizumab            | 57                   | 16                                       |
| Pertuzumab               | 57                   | 23                                       |
| Tamoxifen                | 53                   | 23                                       |
| Exemestane               | 48                   | 22                                       |
| Fluorouracil             | 46                   | 12                                       |
| Megestrol acetate        | 45                   | 18                                       |
| Trastuzumab-dttb         | 36                   | 13                                       |
| Osimertinib              | 31                   | 10                                       |
| Bevacizumab              | 30                   | 12                                       |
| Bleomycin                | 30                   | 11                                       |
| Bicalutamide             | 27                   | 7                                        |
| Olaparib                 | 26                   | 14                                       |
| Methotrexate             | 25                   | 14                                       |
| Erlotinib                | 22                   | 9                                        |
| Nivolumab                | 21                   | 9                                        |
| Durvalumab               | 20                   | 6                                        |
| Abiraterone              | 19                   | 6                                        |
| Oxaliplatin              | 17                   | 4                                        |
| Trastuzumab emtansine    | 15                   | 7                                        |
| Topotecan                | 14                   | 7                                        |
| Abemaciclib              | 12                   | 8                                        |
| Niraparib                | 11                   | 6                                        |
| Palbociclib              | 11                   | 3                                        |
| Leuprolide               | 10                   | 2                                        |
| Mitomycin                | 10                   | 4                                        |
| Cetuximab                | 9                    | 5                                        |
| Alectinib                | 8                    | 2                                        |
| Enzalutamide             | 8                    | 2                                        |
| Ifosfamide               | 8                    | 2                                        |
| Atezolizumab             | 7                    | 3                                        |

|                           |    |   |
|---------------------------|----|---|
| Irinotecan                | 7  | 4 |
| Goserelin                 | 6  | 2 |
| Ipilimumab                | 6  | 1 |
| Lenvatinib                | 6  | 3 |
| Vinorelbine               | 6  | 1 |
| Neratinib                 | 4  | 3 |
| Temozolomide              | 4  | 1 |
| Crizotinib                | 3  | 0 |
| Flutamide                 | 3  | 2 |
| Fulvestrant               | 3  | 1 |
| Gefitinib                 | 3  | 1 |
| Rituximab                 | 3  | 0 |
| Vinblastine               | 32 | 1 |
| Acalabrutinib             | 2  | 0 |
| Carmustine                | 2  | 1 |
| Cytarabine                | 2  | 1 |
| Degarelix                 | 2  | 1 |
| Diclofenac                | 2  | 1 |
| Lapatinib                 | 2  | 0 |
| Lorlatinib                | 2  | 0 |
| Melphalan                 | 2  | 1 |
| Pazopanib                 | 2  | 1 |
| Regorafenib               | 2  | 2 |
| Trastuzumab hyaluronidase | 2  | 1 |
| Afatinib                  | 1  | 0 |
| Alpelisib                 | 1  | 1 |
| Apalutamide               | 1  | 1 |
| Bacillus Calmette Guerin  | 1  | 0 |
| Brigatinib                | 1  | 0 |
| Dacarbazine               | 1  | 0 |
| Dasatinib                 | 1  | 1 |
| Epirubicin                | 1  | 0 |
| Enfortumab vedotin        | 1  | 0 |
| Entrectinib               | 1  | 0 |
| Erdafitinib               | 1  | 0 |
| Eribulin                  | 1  | 1 |
| Everolimus                | 1  | 0 |
| Hydroxyurea               | 1  | 0 |
| Lenalidomide              | 1  | 0 |
| Mobocertinib              | 1  | 1 |
| Obinutuzumab              | 1  | 0 |
| Pemigatinib               | 1  | 0 |
| Pertuzumab-trastuzumab    | 1  | 0 |
| hyaluronidase             | 1  | 0 |
| Ramucirumab               | 1  | 1 |
| Ribociclib                | 1  | 0 |
| Rituximab hyaluronidase   | 1  | 1 |
| Rucaparib                 | 1  | 0 |

|                                           |    |   |
|-------------------------------------------|----|---|
| Ruxolitinib                               | 1  | 1 |
| Talazoparib                               | 1  | 0 |
| Trastuzumab deruxtecan                    | 1  | 0 |
| Tucatinib                                 | 1  | 0 |
| Vandetanib                                | 1  | 0 |
| Vincristine                               |    |   |
| Disease-modifying<br>antirheumatic agents |    |   |
| Adalimumab                                | 13 | 5 |
| Tofacitinib                               | 2  | 1 |
| Etanercept                                | 1  | 0 |
| Leflunomide                               | 1  | 0 |
| Sarilumab                                 | 1  | 0 |
| Secukinumab                               | 1  | 1 |
| Tocilizumab                               | 1  | 0 |
| Biologic response modifiers               |    |   |
| Dimethyl fumarate                         | 3  | 1 |
| Glatiramer                                | 2  | 2 |
| Thalidomide                               | 2  | 1 |
| Ofatumumab                                | 1  | 0 |
| Calcitonin gene-related<br>peptides       |    |   |
| Rimegepant                                | 2  | 0 |
| Fremanezumab                              | 1  | 0 |

<sup>a</sup>Of 2113 patients with recorded prescriptions, 1297 (61.4%) were dispensed a total of 109 cancer drugs, including 96 antineoplastics, 7 disease-modifying antirheumatic agents, 4 biologic response modifiers, and 2 calcitonin gene-related peptides; 489 patients were prescribed 76 cancer drugs in addition to antidepressants.