Appendix 1. APDC procedure and MBS item codes used for identifying systemic anti-cancer therapy use.

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| **APDC procedure and diagnosis codes** |
| 96196-00  | Intra-arterial administration of pharmacological agent, antineoplastic agent |
| 96197-00  | Intramuscular administration of pharmacological agent, antineoplastic agent |
| 96198-00  | Intrathecal administration of pharmacological agent, antineoplastic agent |
| 96199-00  | Intravenous administration of pharmacological agent, antineoplastic agent |
| 96200-00  | Subcutaneous administration of pharmacological agent, antineoplastic agent |
| 96201-00  | Intracavitary administration of pharmacological agent, antineoplastic agent |
| 96202-00  | Enteral administration of pharmacological agent, antineoplastic agent |
| 96203-00  | Oral administration of pharmacological agent, antineoplastic agent |
| 96204-00 | Administration of pharmacological agent via external vascular catheter, antineoplastic agent |
| 96205-00 | Other administration of pharmacological agent, antineoplastic agent |
| 96206-00 | Unspecified administration of pharmacological agent, antineoplastic agent |
| Z51.1 | Pharmacotherapy session for neoplasm  |

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| **MBS item codes** |
| 13915 | Cytotoxic chemotherapy, administration of, by intravenous infusion <= 1 hours duration |
| 13918 | Cytotoxic chemotherapy, administration of, by intravenous infusion >1 - 6 hours duration |
| 13921 | Cytotoxic chemotherapy, administration of, by intravenous infusion >6 hours - for the first day of treatment |
| 13924 | Cytotoxic chemotherapy, administration of, by intravenous infusion >6 hours duration - on each day subsequent to the first in the same continuous treatment episode |
| 13927 | Cytotoxic chemotherapy, administration of, by intra-arterial administration <= 1 hours duration |
| 13930 | Cytotoxic chemotherapy, administration of, by intra-arterial infusion >1 - 6 hours duration |
| 13933 | Cytotoxic chemotherapy, administration of, by intra-arterial infusion >6 hours - for the first day of treatment |
| 13936 | Cytotoxic chemotherapy, administration of, by intra-arterial infusion >6 hours duration - on each day subsequent to the first in the same continuous treatment episode |
| 13945 | Accessing long-term implanted drug delivery device for cytotoxic chemotherapy |

Appendix 2. Capture percentages and numbers of patients by data source and cancer site.

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| --- | --- | --- | --- | --- |
|   | **Any** | **APDC** | **MBS** | **PBS** |
| **%1** | **n** | **%1** | **n** | **%1** | **n** | **%1** | **n** |
| Breast (n=5444) | 96.4 | 5250 | 6.7 | 363 | 93.8 | 5104 | 83.9 | 4569 |
| Colon(n=2590) | 95.9 | 2484 | 8.7 | 224 | 70.7 | 1831 | 88.8 | 2300 |
| Head & neck(n=1242) | 97.3 | 1209 | 33.4 | 415 | 78.3 | 973 | 56.8 | 705 |
| Lung(n=4178) | 95.6 | 3993 | 22.2 | 926 | 85.6 | 3577 | 82.6 | 3452 |
| Neurological(n=811) | 93.8 | 761 | 7.5 | 61 | 11.8 | 96 | 92.0 | 746 |
| Ovarian(n=826) | 97.1 | 802 | 25.5 | 211 | 86.3 | 713 | 85.5 | 706 |
| Pancreatic(n=991) | 96.3 | 954 | 14.3 | 142 | 89.8 | 890 | 80.2 | 795 |

1Percentage of people with anti-cancer therapy record in the ClinCR who had anti-cancer therapy records in any of the datasets (APDC, MBS, PBS), in the APDC alone, in the MBS alone, or in the PBS alone.