

## VLCCR Clinical Quality Indicators

| No.                                                     | Numerator                                                                                        | Denominator                                                                                                             |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Timeliness Indicators</b>                            |                                                                                                  |                                                                                                                         |
| 1                                                       | Number of patients where time from referral to date to diagnosis is $\leq 28$ days.              | Number of patients in registry with referral and diagnosis dates available.                                             |
| 2                                                       | Number of patients where time from diagnosis to first treatment date is $\leq 14$ days.          | Number of patients in registry receiving anti-cancer treatment with diagnosis and treatment dates available.            |
| 3                                                       | Number of patients with NSCLC where time from diagnosis to surgical resection is $\leq 14$ days. | Total number of NSCLC patients undergoing surgical resection with diagnosis and resection dates available.              |
| 4                                                       | Number of patients where time from referral date to first treatment date is $\leq 42$ days.      | Total number of patients undergoing any intent anti-cancer treatment with referral and first treatment dates available. |
| <b>Documentation in medical records indicators</b>      |                                                                                                  |                                                                                                                         |
| 5                                                       | Number of patients with documented screening for supportive care.                                | Number of patients in the registry.                                                                                     |
| 6                                                       | Number of patients with documented ECOG status.                                                  | Number of patients in registry.                                                                                         |
| 7                                                       | Number of patients with NSCLC and documented clinical (cTNM) staging.                            | Total number of NSCLC patients.                                                                                         |
| 8                                                       | Number of patients with documented MDM presentation.                                             | Number of patients in registry.                                                                                         |
| 9                                                       | Number of patients with documented PET scan.                                                     | Number of NSCLC patients undergoing surgical resection.                                                                 |
| <b>Stage concordance and tissue diagnosis indicator</b> |                                                                                                  |                                                                                                                         |
| 10                                                      | Number of NSCLC patients undergoing surgical resection where cTN agrees with pTN.                | Total number of patients with NSCLC who have had a surgical resection with cTN and pTN available.                       |
| 11                                                      | Number of patients with confirmed tissue diagnosis.                                              | Number of patients in the registry.                                                                                     |
| <b>Treatment indicators</b>                             |                                                                                                  |                                                                                                                         |
| 12                                                      | Number of patients who have had a surgical resection.                                            | Total number of NSCLC patients with clinical stage I-II.                                                                |
| 13                                                      | Number of patients with $\geq 5$ lymph nodes identified in pathology report.                     | Number of NSCLC patients (clinical stage I-II) who have undergone a surgical resection.                                 |
| 14                                                      | Number of patients who have had a surgical resection and died within $\leq 30$ days of surgery.  | Number of NSCLC patients who have undergone a surgical resection.                                                       |

|                                  |                                                                                                                                 |                                                                                                        |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 15                               | Number of NSCLC patients with NSCLC who have had a surgical resection and died $\leq 90$ days of surgery.                       | Number of NSCLC patients who have undergone a surgical resection.                                      |
| 16                               | Number of patients receiving anti-cancer treatment (resection, radiotherapy, chemotherapy, immunotherapy, or targeted therapy). | Number of patients in the registry.                                                                    |
| 17                               | Number of patients who have received SACT.                                                                                      | Number of patients with NSCLC stage IIIB, IIIC or IV who have ECOG (0-1).                              |
| 18                               | Number of patients who have had an adjuvant platinum-based chemotherapy.                                                        | Number of NSCLC patients (pathological stage II-III) who have undergone a surgical resection.          |
| 19                               | Number of patients with lung cancer where time from the start date of SACT to death date is $\leq 30$ days.                     | Number of patients receiving SACT.                                                                     |
| <b>Palliative care indicator</b> |                                                                                                                                 |                                                                                                        |
| 20                               | Number of patients who have had a palliative care referral $\leq 8$ weeks of diagnosis.                                         | Number of patients with lung cancer type NSCLC (stage IV) and palliative care referral date available. |
| <b>Molecular indicators</b>      |                                                                                                                                 |                                                                                                        |
| 21                               | Number of patients who have had EGFR testing.                                                                                   | Number of patients with NSCLC non-squamous (stage IV).                                                 |
| 22                               | Number of patients who have had ALK testing.                                                                                    | Number of patients with NSCLC non-squamous (stage IV).                                                 |
| 23                               | Number of patients who have had ROS1 testing.                                                                                   | Number of patients with NSCLC non-squamous (stage IV).                                                 |
| 24                               | Number of patients who have had PDL1 testing.                                                                                   | Number of patients with NSCLC stage IV.                                                                |