TNM Classification for Non-Small Cell Lung Cancer

Table. TNM Classification for Non-Small Cell Lung Cancer(Open Table in a new window)

|  |
| --- |
| **Primary tumor (T)** |
| TX | Primary tumor cannot be assessed, or the tumor is proven by the presence of malignant cells in sputum or bronchial washing but is not visualized by imaging or bronchoscopy |
| T0 | No evidence of primary tumor |
| Tis | Carcinoma in situ |
| T1 | Tumor ≤ 3 cm in greatest dimension, surrounded by lung or visceral pleura, no bronchoscopic evidence of invasion more proximal than the lobar bronchus (not in the main bronchus); superficial spreading of tumor in the central airways (confined to the bronchial wall ) |
| T1a | Tumor ≤ 2 cm in the greatest dimension |
| T1b | Tumor > 2 cm but ≤ 3 cm in the greatest dimension |
| T2 | Tumor > 3 cm but ≤ 7 cm or tumor with any of the following:* Invades visceral pleura
* Involves the main bronchus ≥ 2 cm distal to the carina
* Associated with atelectasis/obstructive pneumonitis extending to hilar region but not involving the entire lung
 |
| T2a | Tumor > 3 cm but ≤ 5 cm in the greatest dimension |
| T2b | Tumor > 5 cm but ≤ 7 cm in the greatest dimension |
| T3 | Tumor > 7 cm or one that directly invades any of the following: * Chest wall (including superior sulcus tumors), diaphragm, phrenic nerve, mediastinal pleura, or parietal pericardium;

Or tumor in the main bronchus < 2 cm distal to the carina but without involvement of the carinaOr associated atelectasis/obstructive pneumonitis of the entire lung or separate tumor nodule(s) in the same lobe |
| T4 | Tumor of any size that invades any of the following: mediastinum, heart, great vessels, trachea, recurrent laryngeal nerve, esophagus, vertebral body, or carina; or separate tumor nodule(s) in a different ipsilateral lobe |
| **Regional lymph nodes (N)** |
| NX | Regional lymph nodes cannot be assessed |
| N0 | No regional node metastasis |
| N1 | Metastasis in ipsilateral peribronchial and/or ipsilateral hilar lymph nodes and intrapulmonary nodes, including involvement by direct extension |
| N2 | Metastasis in the ipsilateral mediastinal and/or subcarinal lymph node(s) |
| N3 | Metastasis in the contralateral mediastinal, contralateral hilar, ipsilateral or contralateral scalene, or supraclavicular lymph nodes |
| **Distant metastasis (M)** |
| MX | Distant metastasis cannot be assessed |
| M0 | No distant metastasis |
| M1 | Distant metastasis |
| M1a | Separate tumor nodule(s) in a contralateral lobe; tumor with pleural nodules or malignant pleural (or pericardial) effusion |
| M1b | Distant metastasis |

Table. Anatomic stage/prognostic groups(Open Table in a new window)

|  |  |  |  |
| --- | --- | --- | --- |
| **Stage** | **T** | **N** | **M** |
| Ia | T1a | N0 | M0 |
| T1b | N0 | M0 |
| Ib | T2a | N0 | M0 |
| IIa | T1a | N1 | M0 |
| T1b | N1 | M0 |
| T2a | N1 | M0 |
| T2b | N0 | M0 |
| IIb | T2b | N1 | M0 |
| T3 | N0 | M0 |
| IIIa | T1 | N2 | M0 |
| T2 | N2 | M0 |
| T3 | N2 | M0 |
| T3 | N1 | M0 |
| T4 | N0 | M0 |
| T4 | N1 | M0 |
| IIIb | T4 | N2 | M0 |
| T1 | N3 | M0 |
| T2 | N3 | M0 |
| T3 | N3 | M0 |
| T4 | N3 | M0 |
| IV | T Any | N Any | M1a or 1b |