## Early-Stage Non–Small-Cell Lung Cancer

### Variant 1: 70-year-old man, former smoker with 2-cm peripheral right upper lobe (RUL) adenocarcinoma; PET shows hypermetabolic uptake at RUL lesion but is otherwise negative; mediastinoscopy negative; FEV1 60% predicted; Karnofsky Performance Scale (KPS) 90.

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Usually not appropriate

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**Variant 2:** 68-year-old woman with 4.2-cm left upper lobe (LUL) adenocarcinoma on CT-guided biopsy; PET shows hypermetabolic uptake at lingular lesion but is otherwise negative; FEV1 70% predicted; KPS 70; concurrent rheumatoid arthritis under control.

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Variant 3: 73-year-old woman with COPD, on stable 2 L oxygen by nasal prongs, new 1-cm LUL lesion on chest radiograph after upper respiratory tract infection treated successfully with antibiotics; PET shows hypermetabolic uptake at LUL lesion with SUV 5 but is otherwise negative; bronchoscopy washings positive for adenocarcinoma; FEV1 40%; DLCO 45% predicted; KPS 70.
### Adjuvant biologics
- Usually not appropriate

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Variant 5: 70-year-old man with new 2-cm RUL PET-avid lesion with SUV 5 but otherwise negative. The pulmonologist’s assessment is that the lesion is too peripheral to sample and that a CT biopsy would be unsafe, which was confirmed by an experienced interventional radiologist. FEV1 50%/DLCO 50% predicted; KPS 70, wears supplemental O2 at night.
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Please refer to the supporting documentation for a more complete discussion of the concepts and their definitions below.

Final Tabulations: A histogram of the number of panel members who rated the recommendation as noted in the column heading (ie, 1, 2, 3, …etc.)

Disagree: The variation of the individual ratings from the median rating indicates panel disagreement on the final recommendation.

References: Lists the references associated with the recommendation.

SQ: Study Quality (1, 2, 3, 4, Good M or Inadequate M) of the references listed.

RRL: Information on the Relative Radiation Level (RRL) designations can be found here.