



Lung-RADS® Version 1.1

Assessment Categories Release date: 2019

Category Descriptor	Lung-RADS-Score	Findings	Management	Risk of Malignancy	Est. Population Prevalence
Incomplete	0	Prior chest CT examination(s) being located for comparison Part or all of lungs cannot be evaluated	Additional lung cancer screening CT images and/or comparison to prior chest CT examinations is needed	n/a	1%
Negative No nodules and definitely benign nodules	1	No lung nodules Nodule(s) with specific calcifications: complete, central, popcorn, concentric rings and fat containing nodules			
Benign Appearance or Behavior Nodules with a very low likelihood of becoming a clinically active cancer due to size or lack of growth	2	Perifissural nodule(s) (See Footnote 11) < 10 mm (523.6 mm^3) Solid nodule(s): < 6 mm ($< 113.1 \text{ mm}^3$) new < 4 mm ($< 33.5 \text{ mm}^3$) Part solid nodule(s): < 6 mm total diameter ($< 113.1 \text{ mm}^3$) on baseline screening Non solid nodule(s) (GGN): < 30 mm ($< 14137.2 \text{ mm}^3$) OR ≥ 30 mm ($\geq 14137.2 \text{ mm}^3$) and unchanged or slowly growing Category 3 or 4 nodules unchanged for ≥ 3 months	Continue annual screening with LDCT in 12 months	< 1%	90%
Probably Benign Probably benign finding(s) - short term follow up suggested; includes nodules with a low likelihood of becoming a clinically active cancer	3	Solid nodule(s): ≥ 6 to < 8 mm (≥ 113.1 to $< 268.1 \text{ mm}^3$) at baseline OR new 4 mm to < 6 mm (33.5 to $< 113.1 \text{ mm}^3$) Part solid nodule(s): ≥ 6 mm total diameter ($\geq 113.1 \text{ mm}^3$) with solid component < 6 mm ($< 113.1 \text{ mm}^3$) OR new < 6 mm total diameter ($< 113.1 \text{ mm}^3$) Non solid nodule(s) (GN) ≥ 30 mm ($\geq 14137.2 \text{ mm}^3$) on baseline CT or new	6 month LDCT	1-2%	5%
Suspicious Findings for which additional diagnostic testing is recommended	4A	Solid nodule(s): ≥ 8 to < 15 mm (≥ 268.1 to $< 1767.1 \text{ mm}^3$) at baseline OR growing < 8 mm ($< 268.1 \text{ mm}^3$) OR new 8 to < 8 mm (113.1 to $< 268.1 \text{ mm}^3$) Part solid nodule(s): ≥ 8 mm ($\geq 113.1 \text{ mm}^3$) with solid component ≥ 6 mm to < 8 mm (≥ 113.1 to $< 268.1 \text{ mm}^3$) OR with a new or growing < 4 mm ($< 33.5 \text{ mm}^3$) solid component Endobronchial nodule	3 month LDCT; PET/CT may be used when there is a ≥ 8 mm ($\geq 268.1 \text{ mm}^3$) solid component	5-15%	2%
Very Suspicious Findings for which additional diagnostic testing and/or tissue sampling is recommended	4B	Solid nodule(s): ≥ 15 mm ($\geq 1767.1 \text{ mm}^3$) OR new or growing, and ≥ 8 mm ($\geq 268.1 \text{ mm}^3$) Part solid nodule(s) with: a solid component ≥ 8 mm ($\geq 268.1 \text{ mm}^3$) OR a new or growing ≥ 4 mm ($\geq 33.5 \text{ mm}^3$) solid component	Chest CT with or without contrast, PET/CT and/or tissue sampling depending on the "probability of malignancy and comorbidities. PET/CT may be used when there is a ≥ 8 mm ($\geq 268.1 \text{ mm}^3$) solid component. For new large nodules that develop on an annual repeat screening CT, a 1 month LDCT may be recommended to address potentially infectious or inflammatory conditions	> 15%	2%
Other Clinically Significant or Potentially Clinically Significant Findings (non lung cancer)	8	Modifier - may add on to category 0-4 coding	As appropriate to the specific finding	n/a	10%