

Update

- Lung-RADS category for the exam is based on the nodule with the highest degree of suspicion.
- All nodules are reported as the mean diameter of the longest and shortest axis to one decimal point in mm.
- Longest and shortest measurements may be in any plane that reflects the truest size of the nodule.
- Please note the planes used in your dictation and/or save a key image(s) with measurements to facilitate follow-up.

Growth

- Growth definition is now a **mean** diameter increase of >1.5 mm. Previously this was >1.5 mm in any dimension.
- A slow growing solid or part-solid nodule growing less than 1.5 mm mean diameter in one year, but gradually increasing compared to previous remote exams can be assigned category 4B.
- This slow growth option does not apply to ground glass nodules. A slow growing ground glass nodule (<1.5 mm mean diameter growth in 12 months) remains category 2 until it meets criteria of another category.

Cont

- Atypical pulmonary cysts: wall thickness >2 mm or multilocular
- Juxtapleural nodule now = or <10 mm; smooth margins; triangular, lentiform or ovoid shape.
- Nodule(s) that are possibly infectious/inflammatory are now reported as category 0 with management of 1-3 month follow-up LDCT or you can use category 2 if you are confident that they are infectious/inflammatory (eg-tree-in-bud nodules from MAI).

Airway nodules

- subsegmental location or features favoring a benign process such as air bubbles with a frothy texture or absence of solid components (ie- retained secretions/mucous) are assigned category 2.
- Assign 4A if a solid airway nodule is proximally located (segmental bronchi, main bronchi, trachea).
- Category 4A gets 3 month f/u LDCT.
- Assign 4B if proximal airway nodule persists or grows at the 3 month follow-up. Management pick list option is bronchoscopy.
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Follow up

- Follow-up is now based on stepped management.
- Category 3 nodules that are stable at 6 months will be recommended for one year return to screening from the time of the 6 month f/u, not the time of the original screening exam (the subsequent LDCT screening exam will therefore be 18 months from the original screening exam categorized as Lung-RADS 3).
- Similarly for category 0 1-3 month f/u and category 4A 3 month f/u.