

PROVIDER ALERT



To: AmeriHealth Caritas Louisiana Providers

Date: September 30, 2021

Subject: Updated Clinical Guidelines

Summary: Updated Clinical Guidelines for Magellan/National Imaging Associates regarding Low Dose CT for Lung Cancer Screening

Content

AmeriHealth Caritas Louisiana would like to make you aware of the updated Magellan/National Imaging Associates clinical guidelines that have been approved by the Louisiana Department of Health in accordance with La. R.S. 46:460.54 and will become effective **October 30, 2021**. The new guidelines can be found at the following link:

<https://www1.radmd.com/media/932091/2021-magellan-advanced-imaging-guidelines-hmsa-20210323.pdf>.

Questions: Thank you for your continued support and commitment to the care of our members. If you have questions about this communication, please contact AmeriHealth Caritas Louisiana Provider Services at 1-888-922-0007 or your [Provider Network Management Account Executive](#).

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You can find a complete listing of provider alerts on the [Provider Newsletters and Updates](#) page of our website.

Where can I find more information on COVID-19?

AmeriHealth Caritas Louisiana has updated its website to streamline communications and important notifications about COVID-19. Please visit <http://amerihealthcaritasla.com/covid-19> for up-to-date information for both providers and members, including frequently asked questions, and important provider alerts from AmeriHealth Caritas Louisiana and the Louisiana Department of Health.

National Imaging Associates, Inc.*	
Clinical guidelines LOW DOSE CT FOR LUNG CANCER SCREENING	Original Date: January 2015
CPT Codes: 71271	Last Revised Date: March 2021
Guideline Number: NIA_CG_020-1	Implementation Date: October 30, 2021

AmeriHealth Caritas Louisiana

INDICATIONS FOR LOW DOSE CT FOR LUNG CANCER SCREENING (LDCT):

For Annual Lung Cancer Screening:

The use of low-dose, non-contrast spiral (helical) multi-detector CT imaging as a screening technique for lung cancer is considered medically necessary **ONLY** when used to screen for lung cancer for certain high-risk, asymptomatic individuals, i.e., no acute lung related symptoms, when **ALL** of the following criteria are met (**USPSTF, 2021**):

- Individual is between 50-80 years of age; AND
- There is at least a 20 pack-year history of cigarette smoking; AND
- If the individual is a former smoker, that individual had quit smoking within the previous 15 years.

Nodule on initial LDCT (Follow-up low dose CT is approvable):

(Wood, 2018)

- Table 1 shows the follow-up interval at which LDCT can be approved to reduce radiation dose (ACR, 2019)
- If multiple nodules, the largest and type is used for decision

* National Imaging Associates, Inc. (NIA) is a subsidiary of Magellan Healthcare, Inc.

Table 1: Lung-RADS® Assessment Categories (ACR, 2019)

Category Descriptor	Lung-RADS Score	Findings	Management
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
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	Continue annual screening with LDCT in 12 months
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 (524 mm ³)	
		Solid nodule(s): < 6 mm (< 113 mm ³) new < 4 mm (< 34 mm ³)	
		Part solid nodule(s): < 6 mm total diameter (< 113 mm ³) on baseline screening	
		Non solid nodule(s) (GGN): <30 mm (<14137 mm ³) OR ≥ 30 mm (≥ 14137 mm ³) and unchanged or slowly growing	
		Category 3 or 4 nodules unchanged for ≥ 3 months	
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 to < 268 mm ³) at baseline OR new 4 mm to < 6 mm (34 to < 113 mm ³) Part solid nodule(s) ≥ 6 mm total diameter (≥ 113 mm ³) with solid component < 6 mm (< 113 mm ³) OR new < 6 mm total diameter (< 113 mm ³) Non solid nodule(s) (GGN) ≥ 30 mm (≥ 14137 mm ³) on baseline CT or new	6 month LDCT
Suspicious Findings for which additional diagnostic testing is recommended	4A	Solid nodule(s): ≥ 8 to < 15 mm (≥ 268 to < 1767 mm ³) at baseline OR growing < 8 mm (< 268 mm ³) OR new 6 to < 8 mm (113 to < 268 mm ³) Part solid nodule(s): ≥ 6 mm (≥ 113 mm ³) with solid component ≥ 6 mm to < 8 mm (≥ 113 to < 268 mm ³) OR with a new or growing < 4 mm (< 34 mm ³) solid component Endobronchial nodule	3 month LDCT; PET/CT may be used when there is a ≥ 8 mm (≥ 268 mm ³) solid component
Very Suspicious Findings for which additional diagnostic testing and/or tissue sampling is recommended	4B	Solid nodule(s) ≥ 15 mm (≥ 1767 mm ³) OR new or growing, and ≥ 8 mm (≥ 268 mm ³) Part solid nodule(s) with: a solid component ≥ 8 mm (≥ 268 mm ³) OR a new or growing ≥ 4 mm (≥ 34 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 (≥ 268 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
	4X	Category 3 or 4 nodules with additional features or imaging findings that increases the suspicion of malignancy	
Other Clinically Significant or Potentially Clinically Significant Findings (non lung cancer)	S	Modifier - may add on to category 0-4 coding	As appropriate to the specific finding

BACKGROUND:

Smoking-related lung cancer is the leading cause of cancer deaths in both men and women in the United States. Treatment for most lung cancer is focused on surgery which is usually curative only when the tumors are very small. Screening for early lung cancer with sputum cytology and chest x-rays has not been successful in reducing deaths from lung cancer. However, in 2011 a large, prospective, multicenter trial was published that showed CT Chest screening identified early cancers better than other approaches and reduced the death rate from lung cancer. In 2014, the United States Preventive Service Task Force (USPSTF) recommended annual low dose CT Chest screening (CPT code 71271) for people with current or recent past smoking histories.

All screening and follow-up chest CT scans to be performed at low dose (100-120 kVp and 40-60 mAs), unless evaluating mediastinal findings or lymph nodes, where standard dose CT with IV contrast may be more appropriate (NCCN, 2019).

OVERVIEW:

Screening should be discontinued once a person has not smoked for 15 years or develops a health problem that substantially limits life expectancy or the ability or willingness to have curative lung surgery.

POLICY HISTORY:

Review Date: March 10, 2021

- Eliminated groupings (group 1 and group 2) for lung cancer screening and changed age of 55-80 years to 50-80 years; removed 30 pack year history of cigarette smoking (USPSTF 2021)

Review Date: May 2019

Review Summary:

- Criteria for repeating at less than one year were added.
- Upper age range changed from 80 to 77 years of age
- Chart added for the f/u interval at which LDCT can be approved to reduce radiation dose

Review Date: May 2020

Review Summary:

- Lung Cancer Screening:
 - Changed upper age limit from 77 to 80 yrs old
 - Added:
 - *Age ≥ 50 years old; AND*

- ≥ 20 pack-year history of smoking; AND
- Additional risk factors (other than second-hand smoke)*

**Additional risk factors include: Survivors of lung cancer, lymphoma, cancers of the head and neck and bladder (smoking related cancers), first degree family members with a history of lung cancer, history of COPD or pulmonary fibrosis, radon exposure, retinoblastoma, Li Fraumeni syndrome, occupational exposure to arsenic, chromium, asbestos, nickel, cadmium, beryllium, silica, diesel fumes, coal smoke and soot*

- Updated the follow-up interval for LDCT information, using the ACR 2019 Lung RADS chart
- Updated background information

Review Date: November 9, 2020

Review Summary: Replaced CPT code G0297 with 71271


REFERENCES:

American College of Radiology (ACR). Lung - RADS Assessment Categories v1.1. 2019.
<https://www.acr.org/Clinical-Resources/Reporting-and-Data-Systems/Lung-Rads>.

Mazzone PJ, Silvestri GA, Patel S, et al. Screening for lung cancer CHEST guideline and expert panel report. *Chest*. 2018; 153(4):954-985.

National Comprehensive Cancer Network (NCCN). NCCN Guidelines Version 1.2020 – Lung Cancer Screening. May 14, 2019.

Wood DE, Kazerooni EA, Baum SL, et al. Clinical practice guidelines in oncology: Lung cancer screening. Version 3.2018. *J Natl Compr Canc Netw*. 2018; 16(4):412–441.

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