SCOPE:

This policy addresses use of computed tomography (CT) scans to screen for lung cancer in high risk, but asymptomatic individuals.

DEFINITIONS AND ACRONYMS:

- American Cancer Society (ACS)
- American College of Chest Physicians (ACCP)
- American Society of Clinical Oncology (ASCO)
- Computed Tomography (CT)
- National Cancer Institute (NCI)
- National Lung Screening Trial (NLST)
- National Comprehensive Cancer Network (NCCN)
- United States Preventive Services Task Force (USPSTF)

POLICY:

Medical necessity for CT scanning of pulmonary asymptomatic individuals for lung cancer is present when all of the following criteria are met:

1) Individual has unexplained weight loss greater than 10% of Ideal Body Weight
2) Individual is between 55 - 75 years of age
3) Individual has a 30 pack/year smoking history or greater
4) Individual who last smoked within previous 15 years
5) Greater than 12 months has passed since most recent screening CT scan of chest.

This policy is evidence based from an NCI study released by the NLST in 2011. The study based its conclusions on 53,454 participants comparing CT scanning as opposed to Chest X Rays for the diagnosis of lung cancer. Multiple other groups from 2012 & 2013 have arrived at similar conclusions including ACS, ACCP, ASCO, NCCN & USPSTF.
HEALTH PLAN POLICY

Policy Title: CT Scans for Lung Cancer Screening

Policy Number: MUM31
Revision: B

REFERENCES:

Peer Reviewed Publications

- NEJM 2011; 365; 395-409 – “NLST”
- JAMA 2012; 20; 1-12 – Benefits & Harms for Lung Cancer of CT Screens: A review
- Chest: 2013; 143; 78-92 – Clinical Practice Guidelines

RELATED DOCUMENTS:

None

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REVISION HISTORY:

<table>
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<tr>
<th>Revision</th>
<th>Date</th>
<th>Description of Change</th>
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<tr>
<td>New</td>
<td>02/08/2018</td>
<td>Initial release.</td>
<td>Executive Leadership</td>
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<tr>
<td>A</td>
<td>04/24/2019</td>
<td>Annual review. Removed Medicaid and CHIP from lines of business.</td>
<td>Executive Leadership</td>
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<td>B</td>
<td>05/14/2020</td>
<td>Annual review. No change to policy content.</td>
<td>Executive Leadership</td>
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