JOHNS HOPKINS HEALTHCARE

Medical Policy: Low-Dose Computed Tomography for Lung Cancer Screening
Department: Health Services
Lines of Business: EHP, USFHP, PPMCO, ADVANTAGE MD

ACTION:
☐ New Policy
☐ Revising Policy Number
☐ Superseding Policy Number
☐ Archiving Policy Number
☒ Retiring Policy Number: CMS12.06

Effective Date: 12/05/2014
Review Dates: 12/02/16, 01/02/19

Johns Hopkins HealthCare LLC (JHHC) provides a full spectrum of health care products and services for Employer Health Programs, Priority Partners, Advantage MD, and US Family Health Plan. Each line of business possesses its own unique contract and guidelines which, for benefit and payment purposes, should be consulted to know what benefits are available for reimbursement. Specific contract benefits, guidelines or policies supersede the information outlined in this policy.

SCOPE:

This policy addresses the use of low-dose computed tomography for lung cancer screening.

POLICY:


For Advantage MD, see Medicare Coverage Database:
National Coverage Determination (NCD) for Lung Cancer Screening with Low Dose Computed Tomography (LDCT) (210.14)

I. When benefits are provided under the member’s contract, JHHC considers annual low-dose computed tomography for lung cancer screening medically necessary when ALL of the following are met:
   A. Current or former smoker is 55 to 80 years of age, AND;
   B. Must have a 30 pack-year history, AND;
   C. If a former smoker, has quit within the past 15 years.

II. Unless specific benefits apply under the member’s contract, JHHC considers low-dose computed tomography for lung cancer screening experimental and investigational for all other indications, as it does not meet Technology Evaluation Criteria (TEC) #2-5.
BACKGROUND:

Low-Dose Computed tomography (CT) is an imaging procedure that utilizes x-ray equipment to take detailed scans of the body. It is often used to detect the presence of a wide variety of diseases. According to the American Lung Association, low-dose computed tomography has shown to be an effective clinical strategy and tool for lung cancer screening and diagnosis. The purpose of a CT screening test is to identify the presence of cancer in asymptomatic patients.

There is a consensus in medical literature that low-dose computed tomography is an effective tool for lung cancer screening. Most notably, in 2011, the National Cancer Institute released results from its National Lung Screening Trial (NLST) which found that screening individuals with low dose CT scans could reduce lung cancer mortality by 20 percent compared to chest x-ray. In addition, the United States Preventive Services Task Force released a recommendation that some individuals be screened annually for lung cancer using low-dose computed tomography (USPST, 2013).

CODING INFORMATION:

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Note: The following CPT/HCPCS codes are included below for informational purposes. Inclusion or exclusion of a CPT/HCPCS code(s) below does not signify or imply member coverage or provider reimbursement. The member's specific benefit plan determines coverage and referral requirements. All inpatient admissions require pre-authorization.

**PRE-AUTHORIZATION REQUIRED**

Compliance with the provision in this policy may be monitored and addressed through post payment data analysis and/or medical review audits

<table>
<thead>
<tr>
<th>Employer Health Programs (EHP) <strong>See Specific Summary Plan Description (SPD)</strong></th>
<th>Priority Partners (PPMCO) refer to COMAR guidelines and PPMCO SPD then apply policy</th>
<th>US Family Health Plan (USFHP), TRICARE Medical Policy supersedes JHHC Medical</th>
<th>Advantage MD, LCD and NCD Medical Policy supersedes JHHC Medical Policy. If there is no LCD or NCD, apply the Medical Policy Criteria</th>
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<td>G0297</td>
<td>Low dose CT scan (LDCT) for lung cancer screening</td>
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ICD10 CODES ARE FOR INFORMATIONAL PURPOSES ONLY

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<th>ICD 10 CODES</th>
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<td>Nicotine dependence; cigarettes</td>
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<td>Nicotine dependence; other tobacco product {Pipes, Cigars}</td>
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<tr>
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<td>Tobacco use</td>
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<td>Z87.891</td>
<td>Personal history of nicotine dependence</td>
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REVENUE CODES

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<td>0510</td>
<td>Clinic-General classification; Hospital; outpatient</td>
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<tr>
<td>0519</td>
<td>Clinic-Other Clinic; Hospital; outpatient</td>
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REFERENCE STATEMENT:

Analyses of the scientific and clinical references cited below were conducted and utilized by the Johns Hopkins HealthCare LLC (JHHC) Medical Policy Team during the development and implementation of this medical policy. Per NCQA standards, the Medical Policy Team will continue to monitor and review any newly published clinical evidence and adjust the references below accordingly if deemed necessary.

REFERENCES:


**Medical Policy:** Low-Dose Computed Tomography for Lung Cancer Screening  
**Department:** Health Services  
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