

Lung Cancer Screening with Low Dose Computed Tomography (LDCT)

Good Samaritan Medical Center has received accreditation from the American College of Radiology (ACR) in Computed Tomography and is designated as an ACR Lung Cancer Screening Center.

Lung cancer screening looks for signs of disease before there are any symptoms in patients who are at high risk. Modeled after mammography, which has been successful in detecting breast cancer, lung cancer screening uses state-of-the-art, low-dose CT to take pictures of the lungs to detect potentially treatable lung cancers. Annual lung cancer screening by low-dose CT has been proven to provide a 20 percent reduction in lung cancer deaths in high-risk patients.

Patient Criteria

- *Individuals between the ages of 55-77*
- *History of at least 30 pack years* of smoking*
**(A pack year is calculated by the number of packs smoked per day and the number of years smoked; i.e., two packs per day for 15 years = 30 pack years)*
- *A current smoker or former smoker who has quit within the past 15 years*
- *Patient has not had a Chest CT within past 12 months*
- *Patients who do not have symptoms of lung cancer*
- *Patients who have participated in counseling that attests to shared decision making prior to the first CT Low Dose Lung Screening Exam.*

Screening Location and Patient Experience

Patients will be tested in the CT Department at Good Samaritan Medical Center, 235 Pearl Street, Brockton, MA. Patient Registration will direct patients upon arrival for their scheduled appointment.

This test does not require advance preparation, contrast dyes, or even a change of clothing. Patients lie on their back on the CT scan table with their hands placed above their head. The table will move in and out of a donut shaped ring. The patient will be asked to hold their breath for a few seconds while X-rays are generated and pictures are created. The test will take approximately 2-4 minutes and the patient may leave upon completion.

Results

The ordering physician will receive the report with results within 24-48 hrs. Patients should schedule a follow-up appointment to obtain results, and, if required, next steps.

Positive Findings

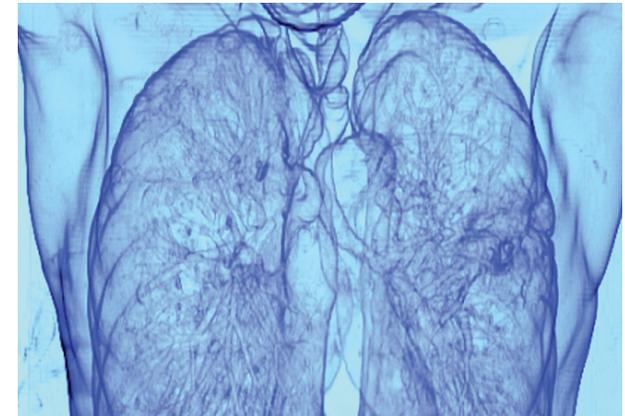
Patients with a positive finding will require further evaluation. The recommendations will be included in the CT report. These will vary from additional CT scans at shorter intervals to consultations with oncologists, pulmonologists, or surgeons to invasive procedures such as a biopsy, bronchoscopy, or surgery.

Medicare, Medicaid, and Private Insurance Coverage

The Centers for Medicare & Medicaid Services (CMS) has determined that the evidence is sufficient to add a lung cancer screening counseling and shared decision making visit, and for appropriate beneficiaries, annual screening for lung cancer with low dose computed tomography (LDCT), as an additional preventive service benefit under the Medicare program only if all of the criteria are met.

The American Cancer Society has encouraged health plans to cover lung cancer screening in those who meet the criteria outlined in this recommendation. In general, if there is good supporting evidence for screening and if your doctor determines that you meet the eligibility criteria and reach an informed decision to undergo screening. However, it is best to check with your insurance carrier in advance.

Contact Good Samaritan Medical Center Financial Counseling at 508-427-3053 with additional concerns.



Accreditation

Good Samaritan Medical Center is accredited by The Joint Commission (TJC), The Centers for Medicare and Medicaid Services (CMS), and the CT department is accredited by the American College of Radiology. Our accreditation number is CTAP03681.

CT Technologists

The CT Technologists maintain a current Radiography license with the Massachusetts Radiation Control Program.

Compliance Regarding Patient Information

We are required to collect and submit specific data elements to the American College of Radiology (ACR) Lung Cancer Screening Registry (LCSR), a CMS-approved national registry for each LDCT lung cancer screening provided.



**Good Samaritan Medical Center
Radiology Department
508-427-2665 (BOOK)**

Lung Cancer Screening Resources

Patient Information for Shared Decision Making / Risk Calculator

<http://www.shouldiscreen.com/>

American College of Radiology

<http://www.acr.org/>

American Cancer Society – Lung Cancer

<http://www.cancer.org/cancer/lungcancer/index>



Good Samaritan Medical Center

A STEWARD FAMILY HOSPITAL



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Should you be screened for Lung Cancer?

Lung cancer is the leading cause of cancer death in the United States.

This brochure will help you understand Lung Cancer Screening with Low Dose Computed Tomography (LDCT). This potential life saving process screens patients at high-risk for lung cancer prior to becoming symptomatic.

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