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CT Lung Cancer Screening

Intuitive Solutions Driving Workflow

Intuitive Solutions Driving Workflow for CT Lung Cancer Screening



High Incidence of Lung Cancer in Veterans

Veterans are one of the largest at-risk groups for developing lung cancer:

- An estimated 74% of veterans are current or prior smokers.¹
- Agent Orange, radon, asbestos, depleted uranium used in weapons, fuel exhaust and other battlefield emissions contribute to the increased risk of lung cancer for Veterans.²
- Lung cancer incidence is higher among veterans, and survival is lower than in civilian populations.²

Sources

¹ Internal analysis, data on file.

² LCA: Special Features [Internet]. Washington, D.C.: Lung Cancer Alliance; c1995-2016. Special Focus on Veterans and Lung Cancer: Veterans, smoking and other risk factors; 2016 [cited 2016 Sep 15]. Available from: <http://www.lungcanceralliance.org/special-features/special-focus-on-veterans-and-lung-cancer/veterans-smoking-and-other-risk-factors.html>

Rising Demand for CT Lung Cancer Screening

VA medical centers are expected to see a surge in the number of veterans needing CT lung cancer scans. Managing this rising demand, in addition to managing the already high demand for CT on a day-to-day basis, will require greater efficiency.

Innovative Clinical Management for CT Lung Cancer Screening

Siemens Healthineers now offers the industry's most comprehensive approach to low-dose lung cancer screening—both on all of the new CT scanners sold and those already installed by Siemens Healthineers—to help manage lung cancer screening for many hospitals. Siemens Healthineers is the only vendor that provides automation/standardization technology to optimize acquisition by reducing user variability for reliable diagnosis and clinical accuracy.



Consistent Acquisition at Low Dose

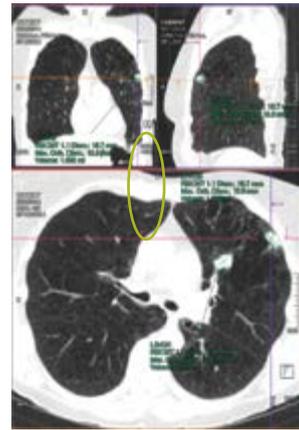
FAST Planning: Automatically detects the lung; sets the scan parameters accordingly for simple and intuitive set-up—even for less experienced technologists. The automatic parameter setting enables precise lung coverage without over-scanning. The technology may help limit the need for rescans due to incorrect positioning—reducing radiation dose for the patient and saving time and cost for the VA facility.



Efficient Reading with *syngo*®.via

Reading: Siemens Healthineers offers a full suite of radiology reading and measurement tools in *syngo*.via*, including sophisticated reporting functionality using customizable templates, for example LungRADS™. The software is designed to enable greater reading and reporting efficiency.

***syngo*.CT Lung CAD:** The tool acts as a second reader, detecting any suspicious lesions or nodules and alerting the radiologists to these regions of interest (ROI) after the CT scan. The adjunctive tool catches what may have been initially overlooked or missed during the examination.



Streamlined Reporting and Program Management

After reading the images, you can generate a clear, well-structured document with all relevant findings. Siemens Healthineers also offers integration to industry-leading lung cancer screening program management solutions, such as MRS Aspen Lung, which provide workflow reporting and patient tracking for screening program staff. These types of solutions can improve communication regarding the results of a low dose CT lung cancer screening or diagnostic procedure.



CT technology from Siemens Healthineers is uniquely positioned to complement low dose CT lung cancer screening programs—managing workflow, providing consistent results, and saving facilities cost and time.

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Local Contact Information

Siemens Medical Solutions USA, Inc.
40 Liberty Boulevard
Malvern, PA 19355-9998
USA
Phone: +1-888-826-9702
usa.siemens.com/healthcare

Siemens Healthcare Headquarters

Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen
Germany
Phone: +49 9131 84-0
siemens.com/healthcare

Legal Manufacturer

Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen
Germany