

LOGO PLACED HERE

<<Date>>

<<Physician Name>>

<<Address>>

<<Address2>>

<<City>>, <<State>> <<Zipcode>>



To our Referring Physicians,

Good news for your patients!

**Access to patient-friendly, safe, low dose CT for lung cancer screening is closer than ever before!**

For certain high-risk patients, annual lung cancer screening with low dose computed tomography (CT) has demonstrated the ability to save lives by reducing the mortality rate of lung cancer.<sup>1</sup> With our Siemens SOMATOM<sup>®</sup> CT scanner, <<Healthcare Facility>> is able to offer these important imaging services with some of the most advanced, low-dose technology available. For patients 55–80 years old with a 30-pack-year history of smoking, talking about lung cancer screening could be one of the most important opportunities to promote earlier detection and more positive outcomes.

**How our CT system can help your patients**

Our Siemens SOMATOM CT system offers your patients a number of benefits, including:

- A comfortable, large opening that may virtually eliminate claustrophobia.
- Innovative technology that can reduce medical radiation dose by up to 60%.
- A high-quality diagnostic evaluation thanks to workflow automation features that help ensure consistent image quality.

**Consider << Healthcare Facility>> when making your next CT referral.** For more information, please call <<Healthcare Facility Phone>> or visit us at <Healthcare Facility URL>>.

Sincerely,

<<Sender Name>>, <<Sender Title>>

<<Healthcare Facility>>

<sup>1</sup> National Lung Screening Trial. Reduced Lung-Cancer Mortality with Low-Dose Computed Tomographic Screening. *N Engl J Med*; 2011;395-409.

In clinical practice, the use of innovative technologies may reduce CT patient dose depending on the clinical task, patient size, anatomical location, and clinical practice. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task. The following test method was used to determine a 54 to 60% dose reduction when using the innovative technologies reconstruction software. Noise, CT numbers, homogeneity, low-contrast resolution, and high-contrast resolution were assessed in a Gammex 438 phantom. Low dose data reconstructed with innovative technologies showed the same image quality compared to full dose data based on this test. Data on file.