Lung cancer is the leading cause of cancer deaths for both men and women, resulting in more than 150,000 deaths each year in the United State; a figure that is greater than the mortality rates of breast, prostate and colon cancer combined.\(^1\) Lung cancer screening (LCS) using low-dose computed tomography (LDCT) has been clinically-proven to reduce lung cancer mortality in individuals at high-risk for lung cancer.\(^2\) However, the implementation and ongoing management of an effective LCS program requires a comprehensive and well-integrated approach across the entire continuum of patient care.

Invivo helps you address these challenges with its extensive product and service offering centered on providing you and your clinical team with the tools necessary to successfully implement an effective lung cancer screening program.

Getting Started:
Awareness, Education & Access

Simply getting started with a screening program is often a daunting task. Invivo can support your efforts in this process by helping you build awareness in your community, educate primary care physicians, create tools to inform at-risk patients and keep abreast of the latest technology, developments and trends.

Access to a team of specialists who can assist you with:

- Education and marketing support for your primary care physicians
- Awareness programs and support materials for at-risk patients
- Local connections to patient advocacy groups and support organizations
- Latest information and assistance with the reimbursement landscape and emerging tools
- Marketing public relations materials to promote your LCS program (e.g., images, photos, press releases, etc.)

---


More data. Less time.

Multi-slice CT (MSCT) is a useful tool in finding potential cancer earlier, but as the number of images per study continue to increase, the diligence required in finding small lung nodules among hundreds of CT image slices has become a growing challenge. Oversight of actionable lung nodules on CT images is always a risk, however, new, innovative tools are available to help manage this risk and improve your overall radiology workflow efficiency.

**DynaCAD Lung** from Invivo is a vendor-neutral, medical imaging software system that provides fast, efficient viewing as well as quantification, manipulation, communication, and reporting of multi-slice CT exams of the chest. Flexible report templates and automated image registration facilitate the synchronous display and navigation of multiple patient exams for initial review and easy follow-up comparison of current and prior study findings.

DynaCAD Lung also includes an integrated computer-aided detection (CAD) feature that serves as a “second pair of eyes,” assisting the reader in the detection of actionable lung nodules based on size, shape, density and anatomical context.

**DynaCAD Lung Provides:**

- Optimized workflow for fast, efficient review & reporting of CT lung exams in a vendor-neutral environment
- Robust set of automated tools for retrieval and registration of prior exams and synchronous viewing & analysis of current/prior findings
- Integrated computer-aided detection (CAD) of suspicious lung nodules as a second reader for further review by a radiologist
- Data integration following the ACR Lung Imaging Data & Reporting System (Lung-RADS)
- Seamless integration into the Invivo Lung Cancer Screening patient data management system DynaLync Lung
- Lung nodule reporting flexibility using both volumetric and/or diameter-based lung nodule measurements
- PowerScribe 360 Integration*

* Requires version 2.5, 3.0 or 3.5 with the Data Integration Feature

* PowerScribe® is a registered trademark of Nuance Communications Inc. All rights reserved.
With increased focus on evidence-based medicine and accountable care, quality and consistency are at the forefront of everything you do. Let Invivo provide you with the tools to help you and your team stay sharp.

The **DynaCAD Education Portal** is an intuitive learning environment for testing physician proficiency in reading lung screening exams via a set of easy-to-use, web-based tools. Access to the DynaCAD Education Portal is included as part of the Invivo LCS Solution.

**Comprehensive Online Education Portal Provides:**

- Educational modules for testing radiologists involved in reading lung cancer screening (LCS) exams, including those radiologists new to LCS exam reading
- Access to a database of LCS exams with patient histories and diagnoses
- Tools for measuring and reporting radiologist performance against a wide variety of clinical case studies
- Additional assurance in the level of demonstrated proficiency of radiologists involved in reading LCS exams

**Educational resources include clinical papers, video presentations, quizzes, and chest exams with patient histories and diagnoses.**

**Intuitive web-based testing can be done anywhere and at any time to measure reading proficiency against a large library of clinical case studies.**
Paving the Way to a Lung Cancer Screening Solution

Coordination and management of an effective LCS program requires simultaneous handling of a wide variety of tasks on a daily basis. Determining eligibility of program participants, notification and scheduling of necessary follow-up actions and reporting program status can be labor intensive and potentially risky if details are overlooked. Manually managing these activities using several, standalone tools increases errors and makes demonstrating program quality and effectiveness a challenge.

Seamless Integration

DynaCAD Lung provides seamless integration to the patient and data management tool, DynaLync Lung. DynaLync Lung from Invivo is a software solution for integrated management of patient data associated with lung cancer screening (LCS) programs. This powerful tool automates routine administrative and instructive tasks based on standardized clinical workflow protocols (e.g., ACR Lung-RADS) and also provides customization options to meet individual clinical needs. DynaLync Lung communicates through industry-standard interfaces and provides administrators and healthcare professionals with patient status throughout the continuum of care. Providing a workflow to consolidate and simplify the lung cancer screening patient cohort data, DynaLync Lung automatically captures the required fields for both CMS and the ACR LCSR registry.

DynaLync Lung Provides:

- Standardized and customized clinical protocols for LCS patients
- The tools to interface with HIS, RIS, EMR & PACS to initiate and manage clinical workflow based on selected protocol(s)
- Notifications and communication between internal and external stakeholders
- External physician and patient reminder letters based on associated protocol(s)
- Aggregate data and key performance indicators (KPIs) on various clinical program parameters to help you measure your program's performance

Participant status and next steps are well-organized, with visual cues to highlight administrative actions for the day.

The participant dashboard displays a simple, yet detailed snapshot of all participants in the program.

Key performance indicators (KPIs) are presented in an easy-to-read, infographic format to represent screening program parameters and metrics.
Invivo is a leader in Lung Cancer Screening Tools

Invivo provides you with the tools, technology, and resources for establishing and maintaining an effective lung cancer screening program throughout the continuum of patient care.

Our innovative clinical solution includes:

- Resources to market your program and support referring physicians and their patients
- DynaLync Patient & Data Management Systems
- DynaCAD Lung with integrated Computer-Aided Detection (CAD)
- DynaCAD Education Portal
- World-class customer service and clinical/business applications support

For more information about the Lung Cancer Screening (LCS) Solution or any of the Clinical Solution products from Invivo, please call us at 1-800-INVIVO1, or visit our website at www.invivocorp.com