

### LUNG CANCER is COMMON

It's the leading cause of cancer-related death worldwide, taking more lives annually in the US than the next 3 most common cancers combined.



### LUNG CANCER is STEALTH

It doesn't have symptoms in its early stages so, without screening, lung cancer is often discovered later when there is a far less chance of recovery.



### LUNG CANCER is DEADLY

Over 2/3 of patients are diagnosed at an advanced stage, when curative treatment is no longer feasible.

Source: American Cancer Society

It accounts for approximately

**1 in 10**  
cancer diagnoses (12%)

but is responsible for approximately

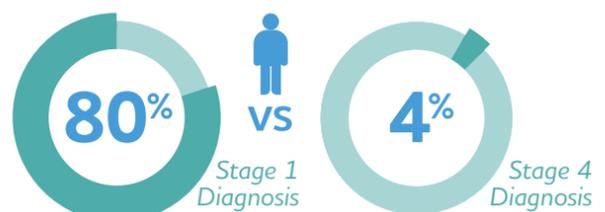
**1 in 5**  
cancer deaths (22%)

Source: American Cancer Society

### THE BENEFITS of EARLY SCREENING

#### 5 Year Survival Rates

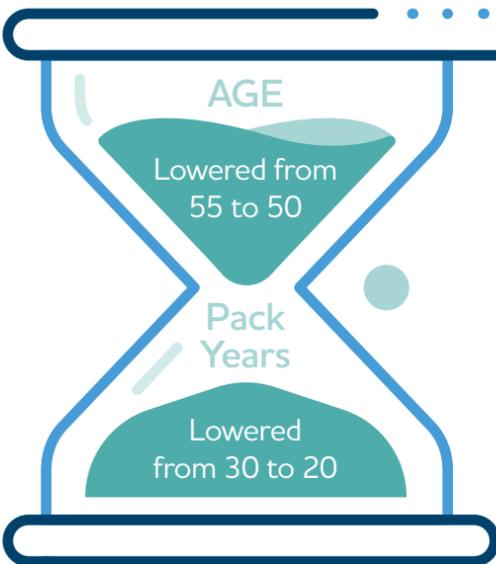
When lung cancer is detected at an early stage, it is much more amenable to treatment and can be cured with surgery or radiation. Whether nodules are detected through screening or incidentally, survival rates improved dramatically with early diagnosis.



Source: Cleveland Clinic

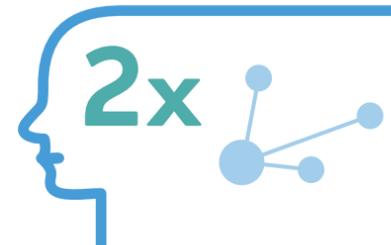
- Only 16% of people with lung cancer are diagnosed before cancer spreads.
- When lung cancer is diagnosed and treated in Stage 1, patients have about an **80% chance** of being alive in five years.
- Once tumors have spread, the survival rate is only about **4%**.

### WHO'S ELIGIBLE?



On March 9TH 2021 the US Preventive Services Task Force (USPSTF) changed guidelines to help detect the #1 cancer killer in America. The guidelines are based upon age and pack years for smokers, and makes early screening available for approximately **twice as many people as before.**

Pack Years = Packs of cigarettes smoked per day x Years person has smoked



### BETTER SCREENING = BETTER RESULTS

Technology for detection is better now than ever.

Detecting lung cancer using traditional CT scans can be complicated by a myriad of obstacles, including vessels, device variation, and acquisition effects.

Low-dose computed tomography (LDCT) has been proven to detect more early-stage lung cancers.

**35.5%** of nodules are missed in a traditional CT reading workflow?

Source: AJR Journal Club

**48%** Lung cancers detected by LDCT screening diagnosed at stage 1

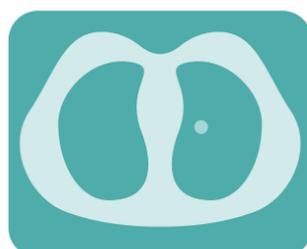
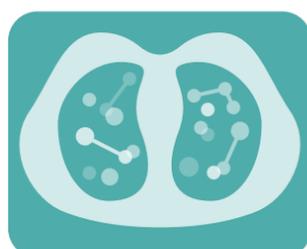
Source: Future Medicine

### THE RIVERAIN SOLUTION

#### ClearRead CT

However, with Riverain ClearRead CT technology, you'll get faster, more accurate reads and peace of mind for both the radiologist and patient.

**29%**  
Fewer Missed Nodules<sup>1</sup>



**26%**  
Faster Reads<sup>1</sup>

Finding abnormalities in a traditional lung CT scan can be challenging because of the vessels and CT machine "noise" that can interfere.

Riverain's ClearRead CT technology actually suppresses vessels while mitigating acquisition challenges to help radiologists find nodules easier.

### READY TO SEE THE DIFFERENCE FOR YOURSELF?

[riveraintech.com](http://riveraintech.com)  
800-990-3387

Our technology is revolutionizing radiology. Contact us today and together we will help create better outcomes for patients everywhere.