

# ClearView Early Detection MAGING CENTER Preventative CT Scans

#### Heart Scan

The CDC reports that 80% of premature heart disease and strokes can be prevented with early diagnosis and treatment. Our CT scanner measures your coronary calcium score, providing insights that can guide improvements to your diet, physical activity, and overall lifestyle. Receive your coronary artery calcium score.

If you're over 40 or have any of the following risk factors, a heart scan could provide the answers you've been seeking.

#### **Bone Density**

A CT Bone Density scan assesses your risk of fractures by using X-rays and computed tomography to measure the concentration of calcium and other minerals in your bones.

> This evaluation can be added to our full body or lung scans, but it is not available as a standalone procedure.

#### **Full Body Scan**

At ClearView Imaging a Full Body Scan offers a comprehensive view, covering the area from the shoulders to the base of the pelvis, and can detect potential issues in nearly all major organs.

Learn about our yearly Imaging program, where you can access these life-saving scans for just a few dollars a day.

### Lung Scan

Lung cancer is the leading cause of cancer-related deaths in the United States. Our state-of-the-art equipment uses low doses of radiation to create detailed images of the lungs, enabling the early detection of lung cancer, emphysema, aortic aneurysms, and other lung conditions before they become life-threatening.

After your scan, one of our highly trained radiologists will review the images and inform you of any abnormal findings. While this screening provides a baseline reference for future tests, the results can also be shared with your primary care physician to develop an effective treatment plan.

#### Abdominal / **Pelvis Scan**

Our abdominal scan evaluates the health of major organs, including the liver, spleen, gallbladder, pancreas, and kidneys. It can also detect vascular diseases, bowel issues, and, in some cases, degenerative disc disease.

Our pelvic scan provides a detailed examination of the bladder, prostate, uterus, and ovaries. It can identify bladder wall masses, stones, cysts, and other abnormalities.

#### Virtual Colonoscopy

According to the CDC, nine out of 10 people diagnosed with colorectal cancer early and treated appropriately are still alive five years later. We offer non-invasive virtual scans, allowing you to drive yourself home or back to work immediately after the procedure.

Our advanced CT scanner captures detailed images of the colon, which are then processed by high-performance software to create a 3D view. This technology enables our physicians to perform a "fly-through simulation" of your colon, zooming in on and examining specific areas of concern.

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## Cardiovascular Disease

Cardiovascular diseases (CVDs) are the leading cause of death globally, accounting for an estimated 17.9 million deaths annually, which represents 32% of all global deaths. Of these, 85% are due to heart attacks and strokes. (World Health Organization) Gender disparities in CVD outcomes are significant. Studies have shown that within a year of a first heart attack, survival rates are lower in women than in men, even after adjusting for age. Within five years, 47% of women who have experienced a first heart attack will die, develop heart failure, or suffer a stroke, compared to 36% of men. Additionally, research indicates that women face a 20% increased risk of developing heart failure or dying within five years after their first severe heart attack compared with men.

These disparities highlight the need for increased awareness, timely diagnosis, and equitable treatment strategies tailored to women's cardiovascular health.

Between 2018 and 2019, cardiovascular diseases (CVD) imposed a substantial economic burden on the United States, with combined direct and indirect costs totaling \$407.3 billion. This figure includes \$251.4 billion in direct expenses related to health care services and medications, and \$155.9 billion attributed to lost productivity and mortality. (heart.org)

Focusing on specific conditions, heart disease in 2018 resulted in labor income losses estimated at \$203.3 billion, while stroke accounted for \$63.6 billion in lost income.

Additionally, from 2019 to 2020, heart disease alone cost the nation approximately \$252.2 billion, encompassing health care services, medications, and lost productivity due to death. (CDC) These figures underscore the significant financial impact of cardiovascular diseases and stroke on the U.S. economy, highlighting the importance of effective prevention and management strategies to mitigate these costs.





## **EARLY DETECTION IS A GAME CHANGER!**

Early detection of cancer through ClearView Imaging Center CT scanning is crucial for improving survival rates. For instance, low-dose CT screenings have been shown to significantly enhance long-term survival in lung cancer patients. A study reported that individuals diagnosed with early-stage lung cancer via CT screening have a 20-year survival rate of approximately 80%. In contrast, the average five-year survival rate for all lung cancer patients is about 18.6%, primarily because only 16% of cases are detected at an early stage. By identifying cancers before symptoms arise, CT scans enable earlier interventions, which can lead to more effective treatments and a higher likelihood of cure. Therefore, incorporating regular CT screenings, especially for high-risk populations, is a vital strategy in reducing cancer-related mortality.

	2018	2019	2020	2021	2022	2023
Total Deaths	2,813,500	2,854,838	3,383,729	3,464,231	3,273,705	3,100,000
Heart Disease	655,381	659,041	696,962	695,547	699,659	680,909
Cancer	599,274	599,601	602,350	605,213	609,360	613,331
Unintentional Injuries	167,127	173,040	200,955	224,935	219,487	222,518
COVID-19	0	0	350,831	416,893	186,552	49,928
Stroke	146,383	150,005	160,264	160,264	162,140	162,639
Chronic Lower Respiratory Diseases	159,486	156,979	152,657	142,342	140,336	138,000
Alzheimer's Disease	122,019	121,499	134,242	119,399	120,322	118,000
Diabetes	84,946	87,647	102,188	103,294	100,142	98,000
Kidney Disease	51,745	51,565	52,547	54,358	55,477	56,000
Chronic Liver Disease	42,742	44,358	51,642	54,358	53,541	55,000
Suicide	48,544	47,511	45,979	47,646	48,183	49,369