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Lung cancer screening, what has changed after the latest evidence?

Trujillo-Reyes JC *et al.* **LC screening, latest evidence**

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Abstract

Lung cancer (LC) is still one of the most frequent cancers with a high related mortality. Their prognosis is directly proportional to the stage at the time of diagnosis. Seventy percent are currently diagnosed in advanced or locally advanced stage (higher than stage III), making a cure unlikely for the majority of patients. Developments in LC treatment are significant however they do not seem to be enough to reverse the current situation, at least, in a short period of time. Despite recent advances in treatment, primary prevention and early diagnosis appear to be the key to reduce the incidence and mortality of this disease. Many countries have developed LC screening programs based on the results of clinical trials published in recent years.

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[Who Should Be Screened for Lung Cancer? | CDC](#)

https://www.cdc.gov/cancer/lung/basic_info/screening.htm ▾

Sep 18, 2019 · Lung cancer screening has at least three risks— A lung cancer screening test can suggest that a person has lung cancer when no cancer is present. This is called a **false-positive result**. False-positive results can lead to follow-up tests and surgeries that are not needed and may have more risks.

[How Is Lung Cancer Diagnosed and Treated · What Is Lung Cancer](#)

[Lung cancer screening - Mayo Clinic](#)

<https://www.mayoclinic.org/tests-procedures/lung...> ▾



Overview

Why It's Done

Risks

How You Prepare

What Yo



Lung cancer screening is a process that's used to detect the presence of lung cancer in otherwise healthy people with a high risk of lung cancer. Lung cancer screening is recommended for older adults who are longtime smokers and who don't have any signs or symptoms of lung cancer. Doctors use a low-



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Recent advances in the management of lung cancer

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6334032>

Apr 01, 2018 · Introduction. For several decades **lung cancer has** been the most common **cancer** in the world.¹ In 2014 there were 46,403 **new** cases of **lung cancer** diagnosed in the UK.² It is the third most common **cancer after** breast and prostate, but **has** the largest proportion of all **cancer-related** deaths (22%).² The overall age standardised incidence **has** declined slightly over the past 40 years, which is a ...

Cited by: 6

Author: Gavin S Jones, David R Baldwin

Publish Year: 2018

Low-Dose CT Lung Cancer Screening Debated, Despite Evidence

<https://www.medscape.com/viewarticle/932563> ▾



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[Improving Survival in Lung Cancer: Commitment of ... - AJMC](https://www.ajmc.com/journals/evidence-based...)

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[Lung cancer screening - Mayo Clinic](https://www.mayoclinic.org/tests-procedures/lung...)

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Lung cancer screening is a process that's used to detect the presence of lung cancer in otherwise healthy people with a high risk of lung cancer. Lung cancer screening is recommended for older adults who are longtime smokers and who don't have any signs or symptoms of lung cancer. Doctors use a low-dose computerized tomography (LDCT) scan of the lungs to look for lung cancer. If lung cancer is detected at an early stage, it's more likely to be cured with treatment. Discuss the benefits and risk...

[See more on mayoclinic.org](https://www.mayoclinic.org)

[Lung Cancer Screening Awareness Can Save Lives](https://www.curetoday.com/publications/cure/2020/...)

<https://www.curetoday.com/publications/cure/2020/...>

The National Lung Screening Trial, concluded in 2011, gave one group of patients an **annual low-dose CT of the chest** while another got an annual chest X-ray in three rounds of screening over two years. After six years, the researchers followed up and found that there had been 20% more deaths in the chest X-ray group compared with the CT group.