

LungXperience AR Code



Want to view The LungXperience at your convenience?





Go to the iOS App Store or Google Play to download the AppAR8 augmented reality platform on your smartphone or tablet device.



Then open the app to launch the viewer. Once launched, point the camera at the AR image code to activate the experience on your device screen.

Lung Cancer in the US

Lung cancer is the leading cause of cancer-related death among men and women in the US5 and takes more lives than breast, prostate and colon cancers combined.6

More than half of those with lung cancer die within a year of diagnosis and fewer than a

Lung Colon **Breast Prostate**

An estimated 228,150 Americans

2019 – averaging more than 620

were diagnosed with lung cancer in



people diagnosed a day.5

quarter (about 18%) survive five years.3 Die within 1 year

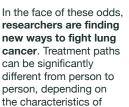
of diagnosis

Survive 5 years past diagnosis





their lung cancer.1



One way to identify treatment options is to understand at what stage the lung cancer is diagnosed - which is determined by tumor size, location and how far it has spread to other parts of the body.7

It's also important to understand what type of lung cancer a person has to determine the best course of treatment.7

of all lung cancers in the US

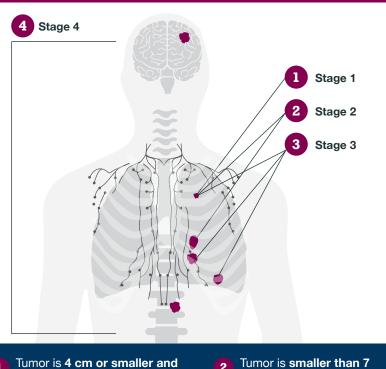


The Most Common Type of Cancer

Not all lung cancers are the same - there are different types.1 Approximately 80-85% of all lung cancers in the US are non-small cell lung cancer (NSCLC).1 A second type of lung cancer commonly diagnosed is small cell lung cancer (SCLC).2

Stages of Disease

NSCLC is staged on a scale of 1 to 4. Generally, the lower the number, the smaller the tumor or the less the cancer has spread.7



may have spread to certain areas in the lung, but not to any lymph nodes.8

Tumor of any size that has

spread to nearby lymph nodes

- and certain tissues, organs or bones. Most Stage 3 NSCLC tumors cannot be removed completely by surgery - these tumors are called "unresectable."8
- in the lung or nearby lymph nodes.8 Tumor of any size that has spread to

cm and may have

spread to certain areas

other organs beyond the chest.8



Advances in Lung Cancer Treatment

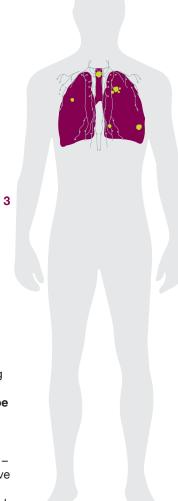
treated unresectable Stage 3 **NSCLC** with: · Chemoradiation therapy

Historically, doctors have

- (CRT) together to eliminate and shrink the tumor, followed by...9,20 Monitoring the
- cancer to see if it spreads to other organs Today, scientists are studying ways to improve different

treatments based on the type and stage of lung cancer a patient has.10 Patients have more choices novel therapeutic options have

become available for use in addition to chemotherapy and radiation therapy.11



Immunotherapy

and attack cancer cells.12 Immunotherapy may also attack healthy cells.12,14 If the cancer has not spread, immunotherapy can be used after chemoradiation therapy (CRT).13 In some people, certain

One type of treatment, immunotherapy, remains at the forefront

of research.21 It uses the body's own immune system to find

How Immunotherapy Works

immunotherapies can be used in their first treatment.13

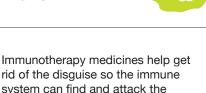




Normally, your immune system recognizes and attacks cancer cells.12

so the immune system can't find them. 12,14 Immunotherapy medicines help get

cancer cells disguise themselves as normal cells





cancer.14 Immunotherapy may also

attack healthy cells.12, 14

Targeted Treatment Some lung cancers have a "biomarker" which may be an

indicator of a "mutation." This makes them different from other types of lung cancer. Lung cancer with a mutation can be treated by medicines that specifically target the mutation.¹⁵ Of NSCLC Epidermal growth factor receptor (EGFR) is

adenocarcinoma cases



cancer subtype, adenocarcinoma. 16 Specific therapies are designed to target the EGFR mutation on cancer cells, which may keep the lung cancer from progressing. These medicines are called **EGFR tyrosine kinase inhibitors** (EGFR TKIs).17 **Testing for Mutations**

one such mutation that occurs in as many

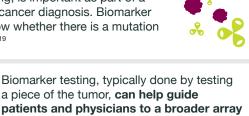
as 23% of patients diagnosed with a lung

Knowing a patient's mutation type helps doctors decide which type of medicine may be most effective.18

That's why biomarker testing, which includes molecular testing, is important as part of a complete lung cancer diagnosis. Biomarker

testing can show whether there is a mutation and what type.19 Biomarker testing, typically done by testing a piece of the tumor, can help guide

of treatments.15

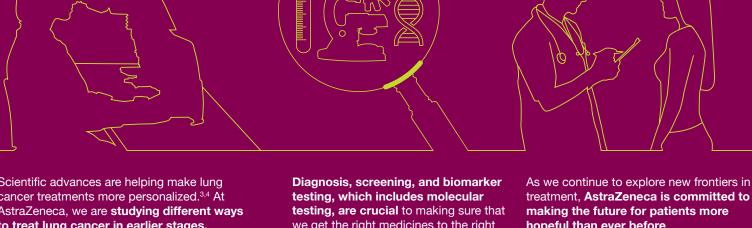




If you or a loved one is diagnosed with Stage 4 NSCLC, it's important to get a biomarker test to understand which treatment options may be right for your

type of lung cancer.15





Scientific advances are helping make lung cancer treatments more personalized.3,4 At AstraZeneca, we are studying different ways to treat lung cancer in earlier stages, including the use of various combinations of investigational therapies.

AstraZeneca Oncology Pipeline. Accessed September 4, 2019.

we get the right medicines to the right patients when they most need them.

treatment, AstraZeneca is committed to making the future for patients more hopeful than ever before.

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