# As you live and breathe! Exciting innovations in lung cancer treatments

Types of lung cancer and therapies available If you've received a lung cancer diagnosis, you may take comfort in knowing that quality of life and survival rates have greatly improved over recent years.<sup>1,2</sup> After running certain tests, your healthcare team can uncover your cancer cell type and growth to tailor the treatment to the tumor based on your specific genes while reducing side effects.<sup>2-4</sup>

Small cell

lung cancer

(SCLC)

## today<sup>3,6,7</sup>:

Accounting for more than 4 out of 5 cases,<sup>5</sup> NSCLC affects the cells that line your airways.<sup>6</sup>

### Non-small cell lung cancer (NSCLC)



#### Chemotherapy

uses pills, injections, or infusions to destroy cancer cells or stop them from dividing

Surgery removes the cancer and

#### Radiation therapy uses high-energy X-rays to kill

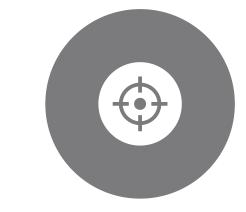
#### SCLC is less common but tends to progress more quickly and spread early to other parts of the body.

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**Cryosurgery** freezes and destroys abnormal tissue



**Photodynamic therapy** combines medications with a specific type of laser often some tissue around it

**Targeted therapy** directly targets the drug to the tumor, sparing healthy cells or slow down cancer cells

Immunotherapy harnesses the body's own immune system to fight cancer cells **Electrocautery** uses heat to destroy abnormal tissue



Laser therapy uses bright light beams to kill cancer cells

Your doctor will also use tests to find out if cancer cells have spread inside your lungs or to other parts of your body. This determines the stage of your cancer, another important factor in treatment.<sup>3</sup>



### More good news

Researchers continue to study new treatments, including drugs that help radiation more easily kill tumors and combinations of existing therapies. You may also want to consider a clinical trial, which can help you as well as others in the future.

#### References

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