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



Types of lung cancer and therapies available today<sup>3,6,7</sup>:

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>

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

Cryosurgery

freezes and destroys

abnormal tissue

**Photodynamic** 

therapy

combines

medications with a specific type

of laser

Non-small cell lung cancer (NSCLC)



Small cell lung cancer (SCLC)

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



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



### Surgery

removes the cancer and often some tissue around it



**Targeted therapy** 

directly targets the drug to the tumor, sparing healthy 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.3

# 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.

1 Henley SJ, Ward EM, Scott S, et al. Annual report to the nation on the status of cancer, part I: National cancer statistics. Cancer. 2020;126(10):2225-2249

2 Howlader N, Forjaz G, Mooradian MJ, et al. The effect of advances in lung-cancer treatment on population mortality. N Engl J Med. 2020;383:640-649.

3 How is lung cancer diagnosed and treated? Centers for Disease Control and Prevention Web site. Updated September 20, 2020. Accessed October 1, 2021.

4 Targeted therapy side effects. American Cancer Society Web site. Updated December 10, 2020. Accessed October 1, 2021.

5 Tan WW. Non-small cell lung cancer (NSCLC). Medscope. September 27, 2021. Accessed October 1, 2021.
6 Non-small cell lung cancer treatment (PDQ®)—patient version. Cancer.gov. Updated August 27, 2021. Accessed October 1, 2021.

7 Rees M. How fast does small cell lung cancer spread? Medical News Today. July 7, 2021. Accessed October 1, 2021

## Fighting cancer with everything we know™

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