

LET'S GET REAL ABOUT SKIN CANCER

An educational program about advanced non-melanoma skin cancers

REGENERON sanofi

About Skin Cancer

The skin, the body's largest organ, is made up of several layers. The two main layers are the epidermis (upper or outer layer) and the dermis (lower or inner layer).

- Skin cancer begins in the epidermis, which is made up of three main kinds of cells:¹

Squamous cells: Thin, flat cells that form the top layer of the epidermis.

Basal cells: Round cells under the squamous cells.

Melanocytes: Cells that make melanin in the lower part of the epidermis.

- The most common types of skin cancer in the United States are non-melanoma skin cancers (NMSC):²

Basal cell carcinoma (BCC) is the most common NMSC.

Cutaneous squamous cell carcinoma (CSCC) is the second most common NMSC.

By the Numbers

5.4M+
cases of NMSC are diagnosed in 3.3+ million people in the U.S. annually³

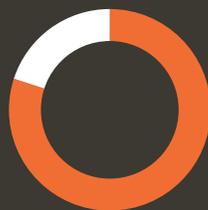
Less than **4%**
of BCC and CSCC cases become advanced^{4,5}

~90%
of NMSCs are associated with exposure to ultraviolet (UV) radiation from the sun²

More
people are diagnosed with skin cancer each year in the U.S. than all other cancers combined²

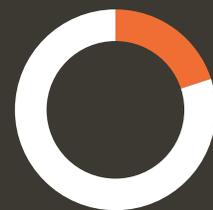
BCC

~80%
of NMSC diagnoses are BCC¹



CSCC

~20%
of NMSC diagnoses are CSCC¹



Risk Factors

Anyone can be diagnosed with BCC or CSCC, but **some groups are more at risk:**

Fair or light skin⁶

Males⁷

People 65 years and older^{6,7}

People who have been exposed to intense and extended sun rays or who had frequent sunburns^{6,7}

People with history of skin cancer or precancerous skin lesions⁷

Early-Stage Disease

Up to **95%** of BCC and CSCC cases are **caught at an early stage** and can be cured.⁸

Depending on the case, **treatment options are available**, like Mohs surgery, to remove the cancer along with a margin of healthy skin tissue, or radiation therapy.⁹

During **Mohs surgery**, small sections of cancerous skin are surgically removed and examined in real time under a microscope until only cancer-free tissue remains so minimal damage is done to the surrounding healthy tissue.⁹

BCC

- BCC can look like **flesh-colored mole or a pimple**, but presentation may vary¹⁰
- BCC often presents in **sun exposed areas** like the head, face and neck, but can also be found on the arms and legs¹⁰

CSCC

- CSCC can look like an **elevated wart-like growth or scaly lesion that occasionally bleeds**, but presentation may vary¹⁰
- CSCC often presents in **sun-exposed areas** like the face, head and neck¹⁰

Questions to Ask a Healthcare Professional

- What stage is my cancer?
- What treatment options are recommended? And what are potential side effects?
- Is surgery or radiation an option?
- What specialists do you recommend?
- What are the chances my BCC or CSCC will return or spread?
- What do I do after treatment is finished?

Advanced Disease

BCC and CSCC **can become serious if it spreads or advances locally**.¹¹

When BCC or CSCC penetrate deep into the skin and surrounding tissues, it is called **locally advanced**. In a small percentage of cases, BCC or CSCC can spread to other parts of the body, like the lymph nodes, more distant tissues or organs, which is known as **metastatic**.¹¹

Advanced BCC

- **Less than 1%** of BCC cases in the U.S. become advanced⁴
- According to a 2019 survey, **83%** of Americans didn't know that BCC can become advanced, including spreading to other parts of the body*¹²

Advanced CSCC

- **Approximately 2-4%** of CSCC cases in the U.S. become advanced⁵
- Advanced CSCC causes **more deaths per year** than melanoma²
- According to a 2019 survey, only **28%** of Americans knew CSCC can be life-threatening in its advanced stages*¹²

Advanced BCC and advanced CSCC are often difficult to treat and associated with a relatively **higher risk of returning and poorer outcomes**. For people with advanced BCC or advanced CSCC, **surgery or radiation may no longer be options**, and systemic therapy, treatment that spread throughout the body to reach cells throughout the body, may be required.¹³

*The CSCC Skin Cancer Survey was conducted online by The Harris Poll on behalf of The Skin Cancer Foundation and in coordination with Regeneron and Sanofi between May 2 to 22, 2019 among 2,010 adults ages 18 and older in the U.S. Raw data were weighted where necessary by age within gender, race/ethnicity, region, education, income, size of household, marital status, employment status, internet usage, and propensity to be online to bring them in line with their actual proportions in the population.

Interested in learning more about BCC and CSCC?



1. American Cancer Society. What are Basal and Squamous Cell Skin Cancers? <https://www.cancer.org/cancer/basal-and-squamous-cell-skin-cancer/about/what-is-basal-and-squamous-cell.html>. Accessed April 19, 2022 2. Skin Cancer Foundation. Skin Cancer Facts and Statistics. <https://www.skincancer.org/skin-cancer-information/skin-cancer-facts/>. Accessed April 19, 2022 3. American Cancer Society. Key Statistics for Basal and Squamous Cell Skin Cancers. <https://www.cancer.org/cancer/basal-and-squamous-cell-skin-cancer/about/key-statistics.html>. Accessed April 19, 2022 4. Asgari MM, Moffet HH, Ray GT, Quesenberry CP. Trends in basal cell carcinoma incidence and identification of high-risk subgroups, 1998-2012. *JAMA Dermatol.* 2015;151(9):976-981. 5. Burton KA, Ashack KA, Khachemoune A. Cutaneous squamous cell carcinoma: a review of high-risk and metastatic disease [published online June 29, 2016]. *Am J Clin Dermatol.* 2016;17(5):491-508. doi:10.1007/s40257-016-0207-3. 6. Garcovich S, Colloca G, Sollena P, et al. Skin Cancer Epidemics in the Elderly as An Emerging Issue in Geriatric Oncology. *Aging Dis.* 2017;8(5):643-661. Published 2017 Oct 1. doi:10.14336/AD.2017.0503 7. National Comprehensive Cancer Network. Clinical Practice Guidelines in Oncology (NCCN Guidelines) for Squamous Skin Cancer V2.2022. May 2, 2022. 2:SCC-1-SCC-G; 4-5. 8. Data on File. Regeneron and Sanofi Genzyme 9. Mayo Clinic. Mohs Surgery. <https://www.mayoclinic.org/tests-procedures/mohs-surgery/about/pac-20385222>. Accessed April 19, 2022 10. Cancer.Net. Skin Cancer (Non-Melanoma)- Introduction. <https://www.cancer.net/cancer-types/skin-cancer-non-melanoma/introduction>. Accessed September 2020 11. Migden, M. et al. Emerging trends in the treatment of advanced basal cell carcinoma. *Cancer Treatment Reviews* 2018 Mar;64:1-10 12. CSCC Misperceptions Survey. Conducted by HarrisPoll for The Skin Cancer Foundation, May 2019 13. Skin Cancer Foundation. Basal Cell Carcinoma Treatment. <https://www.skincancer.org/skin-cancer-information/basal-cell-carcinoma/bcc-treatment-options/>. Accessed April 19, 2022