

METASTATIC BREAST CANCER WITH LOW LEVELS OF HER2 CONVERSATION STARTER

Using the Conversation Starter

Learning more about your metastatic breast cancer (mBC) will help you with the road ahead. Knowing your HER2 status is especially important for your conversations with your healthcare team.

Review the information in this Conversation Starter and bring it with you to appointments. These questions can help you learn more about mBC with low levels of HER2 and also help you get the most out of your time with your healthcare team.

Understanding mBC with low levels of HER2

60%

It has been recently discovered that having breast cancer with low levels of HER2 is common. **About 60% of people** diagnosed with HER2-negative breast cancer **actually have low levels of HER2**



HER2 is a protein that tells cells to grow. When cells produce too much HER2, they can become cancerous

LOW
HER2

Until recently, healthcare providers diagnosed breast cancer as either HER2-positive or HER2-negative. Now, they can diagnose a new status: breast cancer with low levels of HER2. **Having low HER2 means that there is a low level of HER2 on the cancer cells but not enough HER2 to be considered HER2-positive**

HR
+

HER2 status is different than hormone receptor (HR) status. People with low levels of HER2 can be either HR+ (hormone receptor-positive) or HR- (hormone receptor-negative)

- HR status is also referred to as ER+ or ER- (estrogen receptor-positive/negative) and/or PR+ or PR- (progesterone receptor-positive/negative)
- If a person was previously told they were HR- HER2-negative, this might have been referred to as triple-negative breast cancer (TNBC). TNBC refers to tumors that don't have a large amount of HER2 or hormone (estrogen/progesterone) proteins



If your healthcare provider told you that you have HER2-negative mBC, ask if you could be one of the many people living with low levels of HER2



If you do have mBC with low levels of HER2, there may be treatment options that are right for you

HER2, human epidermal growth factor receptor 2.

Sign up to learn more about mBC with low levels of HER2—visit InfoOnLow.com or scan the QR code



Questions

Q How are low levels of HER2 different from other HER2 statuses?

Q Can someone with HR+ HER2-negative or triple-negative mBC also have low levels of HER2?

Q Does having low levels of HER2 give me additional treatment options?

Q **Already diagnosed with low levels of HER2:** How did you know that I have low levels of HER2 and why did my diagnosis change from HER2-negative?

Q **Currently diagnosed with HER2-negative mBC:** Is it possible that I have low levels of HER2? How will you know?

References: **1.** Tarantino P, Hamilton E, Tolaney SM, et al. HER2-low breast cancer: pathological and clinical landscape. *J Clin Oncol*. 2020;38(17):1951-1962. doi:10.1200/JCO.19.02488 **2.** National Cancer Institute. NCI Dictionary of Cancer Terms. Accessed June 16, 2022. <https://www.cancer.gov/publications/dictionaries/cancer-terms/search/HER2/?searchMode=Begin> **3.** Schettini F, Chic N, Brasó-Maristany F, et al. Clinical, pathological, and PAM50 gene expression features of HER2-low breast cancer. *NPJ Breast Cancer*. 2021;7(1):1-13. doi:10.1038/s41523-020-00208-2 **4.** National Cancer Institute. NCI Dictionary of Cancer Terms. Accessed July 27, 2022. <https://www.cancer.gov/publications/dictionaries/cancer-terms/def/hormone-receptor-positive> **5.** American Cancer Society. Understanding a breast cancer diagnosis. Accessed July 29, 2022. <https://www.cancer.org/cancer/breast-cancer/understanding-a-breast-cancer-diagnosis/breast-cancer-hormone-receptor-status.html> **6.** National Cancer Institute. NCI Dictionary of Cancer Terms. Accessed June 16, 2022. <https://www.cancer.gov/publications/dictionaries/genetics-dictionary/def/triple-negative-breast-cancer>

