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*Retrospective Cohort Study*

**Human epidermal growth factor receptor 2 positive rates in invasive lobular breast carcinoma: The Singapore experience**

Kee GJ *et al.* HER2 positive rates in invasive ILC

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Human epidermal growth factor receptor 2 positive rate



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## HER2-positive breast cancer: What is it? - Mayo Clinic

<https://www.mayoclinic.org/breast-cancer/expert-answers/faq-20058066> ▼

**HER2-positive breast cancer** is a **breast cancer** that **tests positive** for a protein called **human epidermal growth factor receptor 2 (HER2)**. This protein promotes the **growth** of **cancer cells**. In about 1 of every **5 breast cancers**, the cancer cells have extra copies of the gene that makes the HER2 protein. **HER2-positive breast cancers** tend to be more aggressive than other types of **breast cancer**.

## Human Epidermal Growth Factor Receptor 2-positive Mucinous ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6597410>

Mucinous **carcinoma** (MC) is a rare subtype of **breast** cancer, which is composed of tumor cells floating in the abundant extracellular mucin. This form of cancer is usually estrogen **receptor/progesterone receptor positive** and **human epidermal growth factor receptor 2 ...**

**Cited by:** 3

**Author:** Yunjeong Jang, Eun Yoon Cho, Soo You...

**Publish Year:** 2019

## Treatment of Patients With Lobular Breast Cancer Harboring ...

<https://ascopubs.org/doi/full/10.1200/PO.18.00035>

Sep 25, 2018 · **Human epidermal growth factor receptor 2 (HER2)** is a tyrosine kinase encoded by the ERBB2 gene. ERBB2 amplification leads to overexpression of the HER2 protein and is conventionally identified by immunohistochemistry (IHC) or fluorescence in situ hybridization. 1 HER2 gene amplification is present in approximately 20% of patients with **breast** cancer and is ...

**Author:** Dennis L. Citrin, Bradford A. Tan, Ni...

**Publish Year:** 2018

## Hormone Receptor/Human Epidermal Growth Factor Receptor 2 ...

<https://www.sciencedirect.com/science/article/pii/S0305737216300019>

Four-year follow-up of trastuzumab plus adjuvant chemotherapy for operable **human epidermal growth factor receptor 2-positive breast** cancer: joint analysis of data from NCCTG N9831 and NSABP B-31 J Clin Oncol, 29 (25) (2011), pp. 3366-3373





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## HER2 positive rates in invasive lobular breast carcinoma ...

[https://www.annalsofoncology.org/article/S0923-7534\(19\)42981-5/fulltext](https://www.annalsofoncology.org/article/S0923-7534(19)42981-5/fulltext)

Background: Infiltrating **lobular carcinoma** (ILC) represents about 10% of **breast** cancer and rarely shows over-expression of **human epidermal growth factor receptor 2** (HER2). This study aims to investigate the prevalence of HER2 **positive** (HER2+) ILC patients in **Singapore** ...

## Human Epidermal Growth Factor Receptor 2-positive Mucinous ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6597410>

PMC is a rare subtype accounting for up to 2% of all **breast cancer** cases . The typical immunoprofile for PMC is **estrogen receptor** (ER) and/or **progesterone receptor** (PR) positivity and **human epidermal growth factor receptor 2** (HER2) negativity . HER2 overexpression occurs in 15%–20% of **invasive breast** ...

Cited by: 3 Author: Yunjeong Jang, Eun Yoon Cho, Soo Youn...

Publish Year: 2019

## Invasive Lobular Carcinoma: Symptoms, Treatments, and More

<https://www.healthline.com/health/breast-cancer-lobular>

**Lobular breast** cancer, or **invasive lobular carcinoma**, starts out in the lobules, the glands that produce milk. ... (**human epidermal growth factor receptor 2**) receptors are found on the surface of ...

## Treatment of Patients With Lobular Breast Cancer Harboring ...

<https://ascopubs.org/doi/full/10.1200/PO.18.00035>

Sep 25, 2018 · **Human epidermal growth factor receptor 2** (HER2) is a tyrosine kinase encoded by the ERBB2 gene.ERBB2 amplification leads to overexpression of the HER2 protein and is conventionally identified by immunohistochemistry (IHC) or fluorescence in situ hybridization. 1 HER2 gene amplification is present in approximately 20% of patients with **breast** cancer and is predictive of response to anti ...

Author: Dennis L. Citrin, Bradford A. Tan, Nim... Publish Year: 2018

## The updated 2018 American Society of Clinical Oncology ...

[https://www.annalsofoncology.org/article/S0923-7534\(19\)42981-5/fulltext](https://www.annalsofoncology.org/article/S0923-7534(19)42981-5/fulltext)

## Invasive Lobular Carcinoma

Medical condition

Invasive lobular carcinoma is a type of breast cancer that begins in the milk-producing glands of the breast.

Drugs

## Symptoms

At its earliest stages, invasive lobular carcinoma may cause no signs and symptoms. As it grows larger, invasive lobular carcinoma may cause:

- An area of thickening in part of the breast
- A new area of fullness or swelling in the breast
- A change in...

[Read more on MayoClinic](#)

## Causes

Factors that may increase your risk of invasive lobular carcinoma include:

- Being female. Women are more likely to develop breast cancer, but men also can develop breast cancer.
- Older age. Your risk of breast cancer increases as you age. Women with...

[Read more on Drugs](#)

## Treatments

ILC can be more difficult to diagnose than other forms of breast cancer, because it spreads in a unique pattern of branching. The good news is that it's a relatively slow-growing cancer, which gives you time to form a treatment plan with your...