

Breast Cancer

Multimedia materials to help you better understand breast cancer. Learning more about the disease will help us realize how important it is to seek treatment and talk to your oncologist. Breast cancer patients need our support more than ever.

Act early and
get tested
To see what
lies beneath

Seek professional
medical advice when
in doubt.

References

1 Whitman M, et al. Type I Phosphatidylinositol Kinase Makes a Novel Inositol Phospholipid, phosphatidylinositol-3-phosphate. *Nature* 1988;332:644-646. 2 Samuels Y, Waldman T. Oncogenic Mutations of PIK3CA in Human Cancers. *Curr Top Microbiol Immunol* 2010;347:21-41. 3 Seung SJ, et al. A population-based analysis of breast cancer incidence and survival by subtype in Ontario women. *Curr Oncol* 2020;27:e191-e198. 4 Loi S, et al. PIK3CA mutations associated with gene signature of low mTORC1 signaling and better outcomes in estrogen receptor-positive breast cancer. *Proc Natl Acad Sci U S A* 2010;107:10208-10213. 5 Brown KK, Toker A. The phosphoinositide 3-kinase pathway and therapy resistance in cancer. *F1000Prime Rep* 2015;7:13. 6 Miller TW, et al. Hyperactivation of phosphatidylinositol-3 kinase promotes escape from hormone dependence in estrogen receptor-positive human breast cancer. *J Clin Invest* 2010;120:2406-2413. 7 Fitzgerald DM, et al. Association between PIK3CA mutation status and development of brain metastases in HR+/HER2- metastatic breast cancer. *Ann Oncol* 2019;30:v110(suppl 5). 8 André F, et al. Alpelisib for PIK3CA-Mutated, Hormone Receptor-Positive Advanced Breast Cancer. *N Engl J Med* 2019;380:1929-1940. 9 Cancer Genome Atlas Network. Comprehensive Molecular Portraits of Human Breast Tumours. *Nature* 2012;490:61-70. 10 Van Poznak C, et al. Use of biomarkers to guide decisions on systemic therapy for women with metastatic breast cancer: American Society of Clinical Oncology clinical practice guideline. *J Clin Oncol* 2015;33:2695-2704. 11 Zhou Y, et al. Diagnostic Accuracy of PIK3CA Mutation Detection by Circulating Free DNA in Breast Cancer: A Meta-Analysis of Diagnostic Test Accuracy. *PLoS One* 2016;11:e0158143. 12 Cardoso F, et al. 5th ESO-ESMO international consensus guidelines for advanced breast cancer (ABC 5). *Ann Oncol* 2020;31:1623-1649.

What is
PIK3CA and
why is it
important to
you?

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What is PIK3CA and why is it important to you?

A leaflet informing about the PIK3CA mutation and why does it occur in breast cancer.

TUKLASIN ANG LIHIM SA LIKOD NG KANSER SA SUSO

Ang kanser sa suso ay karaniwang may **tatlong kategorya**¹:

- (1) HR+/HER2- (hormonal receptor-positive/human epidermal growth factor receptor 2-negative);
- (2) HER2+; at
- (3) triple negative.



Kamakailan lang ay nadiskubre ng mga siyentipiko na ang genetic mutations, kasama na ang sa **PIK3CA**, ay mahalaga para sa advanced HR+/HER2- breast cancer. Kailangang malaman ng mga pasyente kung ano ang nasa likod ng kanilang kanser sa suso para makatanggap sila ng pag-gamot na ayon sa kanilang personal na pangangailangan.

Tuklasin ang Lihim sa Likod ng Kanser sa Suso

May iba't ibang uri ng kanser sa suso. Tuklasin kung bakit may mga pasyenteng nangangailangan ng makabagong gamutan sa infographic na ito.

SEE WHAT LIES BENEATH BREAST CANCER

Breast cancers are commonly categorized into **3 subtypes**¹:

- (1) HR+ / HER2-
(hormonal receptor-positive/ human epidermal growth factor receptor 2-negative);
- (2) HER2+; and
- (3) triple negative.



Recently, scientists discovered that genetic mutations, such as those in the **PIK3CA gene**, are important in HR+/HER2- advanced breast cancer. Patients should know what really lies beneath their breast cancer so that they can receive personalized treatment.

See What Lies Beneath Breast Cancer

There are different types of breast cancer. Get to know why patients have varying treatment needs in this infographic.

□

Hindi Pare-pareho ang mga uri ng kanser sa suso

May iba't ibang uri ng kanser sa suso. Tuklasin kung bakit may mga pasyenteng nangangailangan ng makabagong gamutan sa infographic na ito.



See What Lies Beneath Breast Cancer - Video

Breast Cancer patients need the support of loved ones.



Beyond the Pink Ribbon:

Empowering Patients to
Navigate the Healthcare
Maze for Better Breast
Cancer Survivorship



February 29, 2024 | 4:00PM
Novotel Araneta City

2024 PNCS Novartis Symposium

Beyond the Pink Ribbon: Empowering Patients to Navigate the Healthcare Maze for Better Breast Cancer Survivorship



Improving Breast Cancer Survivorship in the Philippines:

Policy and Program Implications from The Pink Initiative

Improving Breast Cancer Survivorship in the Philippines: Policy and Program Implications from The Pink Initiative

The Pink Initiative roundtable series, a concerted effort to address breast cancer in the Philippines, convened key stakeholders to strategize improving patient outcomes

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