



OncoStem CanAssist Breast

predicts risk of recurrence

DID YOU KNOW THAT
3 OUT OF 4 EARLY STAGE
BREAST CANCER
PATIENTS MAY NOT NEED
CHEMOTHERAPY? ¹

CanAssist Breast Test assesses your risk of relapse so your oncologist can customise your treatment.

¹ <https://www.cancer.org/latest-news/study-more-breast-cancer-patients-can-safely-skip-chemotherapy.htm>

CanAssist Breast Test brings

new hope to breast cancer patients.



No two breast cancer patients are the same. And yet, the treatment prescribed to them rarely varies. Surgery, radiation and chemotherapy is the regimen prescribed to almost all breast cancer patients. Of this, chemotherapy is the hardest on the patients. But what if it was possible for oncologists to customise treatment according to the patient? What if they could determine if chemotherapy can be left out for certain patients altogether? Now, with CanAssist Breast, they can.

CanAssist Breast Test helps oncologists evaluate the risk of relapse over 5 years for early-stage breast cancer patients.

CanAssist Breast integrates IHC data and clinical parameters into a statistical algorithm that provides oncologists with a CanAssist Breast Risk Score. The score determines if patients have a 'high-risk' or 'low-risk' of relapse in 5 years. Many of those who test 'low-risk' can then be spared chemotherapy.

Studies show that

3 out of 4 early stage

breast cancer patients

don't need chemotherapy

to fight relapse.

That means so many patients can be spared of chemotherapy. Not just the financial costs that come with it, but also the physical costs. Chemotherapy is hard on patients and greatly impacts their quality of life. CanAssist Breast Test aims to spare as many women from this pain as possible.

How CanAssist Breast Test helps oncologists in post-surgery treatment planning.

Once breast cancer patients undergo surgery and have their tumour removed, all attention is focused on determining if the cancer can return. Doctors carefully analyze the following factors while deciding if chemotherapy is necessary to keep the cancer from returning:



What makes us unique:



First test to be validated on Indian patients

Validation

1000+ sample validation cohort



Machine learning-based algorithm



10+ validation partners in India, USA and Europe



Patented combination of biomarkers



CAP accredited ISO 13485 certified



20+ invited presentations in major international conferences

Now CanAssist Breast Test can be an important tool to help oncologists make their decision.

How CanAssist Breast Test works:

CanAssist Breast Test examines the activity of proteins present in the cancerous tumour to help predict the likelihood of the cancer returning post-surgery. It also helps determine whether adding chemotherapy to hormone therapy will benefit the patient. So patients should not hesitate to ask their doctors how CanAssist Breast Test results may impact their treatment plan.

Eligibility criteria for CanAssist Breast Test



Patients with early-stage invasive breast cancer



Patients with hormone receptor-positive (ER/PR+) HER2 negative disease



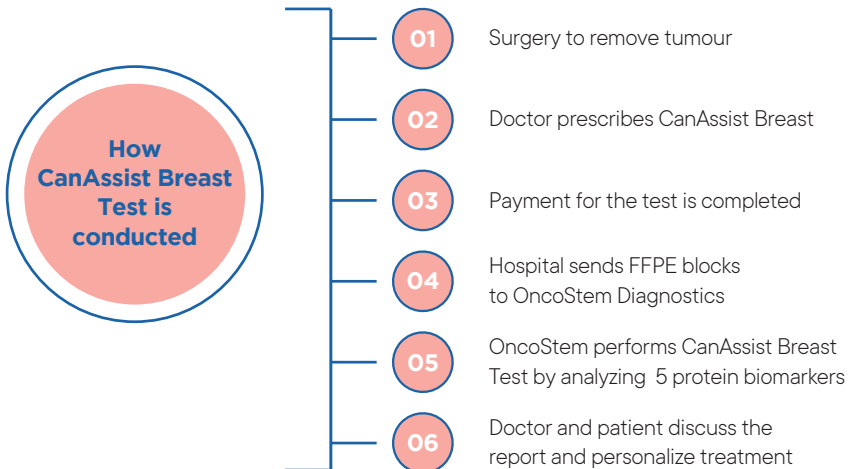
Patients who have not undergone neo-adjuvant chemotherapy



Lymph node-negative or up to 3 lymph node-positive

How CanAssist Breast Test is conducted:

After breast cancer surgery is performed on a patient, the hospital normally saves and stores the tumour tissue that is removed. This tissue is what CanAssist Breast Test uses. After the oncologist orders the test, this tissue (FFPE blocks) is sent to our diagnostic lab in Bangalore for testing.



When should CanAssist Breast Test be prescribed?

The test needs to be prescribed before treatment starts after surgery so that customisation in the treatment plan is possible.



How can a patient get CanAssist Breast Test done for herself?

Since the test can only be prescribed by a medical professional, the patient can share this brochure with her oncologist and request the test. For more information, the oncologist can also download a more detailed brochure from our website, canassistbreast.com.



How long does it take for results to come back from the OncoStem lab?

The CanAssist Breast test report is available within 10 business days from the date the FFPE block is received by OncoStem Diagnostics



Publication



Biomarker Insights (2018)
Vol 13: 1-9

Publication



BMC Cancer (2019)
Vol 19:249: 1-10

Publication



Cancer Medicine (2019)
Page 1-10

Website



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