

A BILLION PEOPLE
CANCER
CONQUER CANCER

WITH

PanTum[®] | Detect

BLOOD TEST

97.5%
Sensitivity
True positives

99%
Specificity
True negatives

250,000+
Tests performed
globally

50+
Publication

9,300+
Candidate
Studies

 Insurance
coverage
in Germany

IVD **CE**

 **IMP/IVD/
2023/000060**

A simple blood test is enough

Powered by

PanTum[®] | Detect

*Multi-tumor screening blood test for asymptomatic
Healthy Individuals*

*Brain | Breast | Bladder | Colorectal | Cervix | Esophagus | Endometrial
| Gastric | Head & Neck | Kidney | Lung | Liver | Melanoma | Ovarian
| Pancreas | Prostate | Renal | Sarcoma | Thyroid | Urothelial | Uterine | +More*

Know cancer to defeat cancer



What is cancer?

Cancer is an uncontrolled proliferation of cells with tendency to spread across the body if left undetected. Cancer is a tumor which usually grows unnoticed over many years in asymptomatic healthy individuals and is life threatening in late stages with high mortality. Cancer carries a high economic cost, with overall medical expenditures increasing exponentially in cases of late-stage detection.



Cancer risk factors

Cancer is predominantly caused due to individual lifestyle choices e.g. smoking, tobacco, alcohol, high BMI (obesity), lack of physical activity, diet, etc. and exposure to environmental factors. An estimated 5-10% of all cancers are genetically inherited.



Making personal choices for cancer free living

It is important for each individual to be well informed of the exposure to cancer risk factors so that they can take appropriate action to manage their personal cancer risk and exposure.



India's Cancer Reality

1 in 9 people are likely to develop cancer in his/her lifetime*

International Agency for Research on Cancer



**World Health
Organization**

every year, with annual reported mortality of 9.16 lakhs, as per data by GLOBOCAN 2022 - International Agency for Research on Cancer (IARC), World Health Organization.

Source*

<https://ncdirindia.org/display/wcd.aspx>

India's Cancer Screening Gap

Cancer screening is looking for cancer much before any symptoms occur. This is a powerful strategy for prevention, early diagnosis and better management.

National Family Health Survey (NFHS-5) shows dismal screening data for cancer with only 1.9%, 0.9%, and 0.9% of women population who have undergone screening for cervical, breast, and oral cavity cancers respectively; wherein only 1.2% of men participated in oral cavity screening.

Source*

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC10041275/>



PanTum[®] Detect and EDIM[®] Technology

About PanTum[®] Detect

PanTum[®] Detect is a multi-tumor screening blood test that "filters" asymptomatic healthy individuals for the presence of silently growing benign, premalignant and malignant tumors.

About EDIM[®] Technology

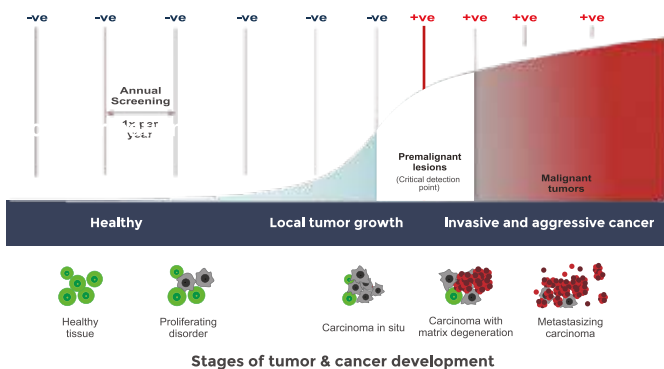
PanTum[®] Detect uses EDIM[®] (Epitope Detection in Monocytes) technology to detect multi-tumor enzyme biomarkers Apo10 & TKTL1 in immune cells (macrophages) which are detectable in all phases of tumor development.

This revolutionary, thoroughly researched and scientifically proven technology leverages the human immune system thus making it possible to detect tumors in early stages. It also enables the detection of premalignant tumors that are at high risk of progression to malignancy.



Benefits of annual screening with PanTum[®]

Cancer silently evolves from a localized tumor to an aggressive form over years.



Annual testing with PanTum[®] Detect helps in early tumor detection before they develop into aggressive tumors.

Participation in the "Cancer-Scan" program on an annual basis reduces the risk of the late-stage detection of cancer for the candidates screened with PanTum[®] Detect.

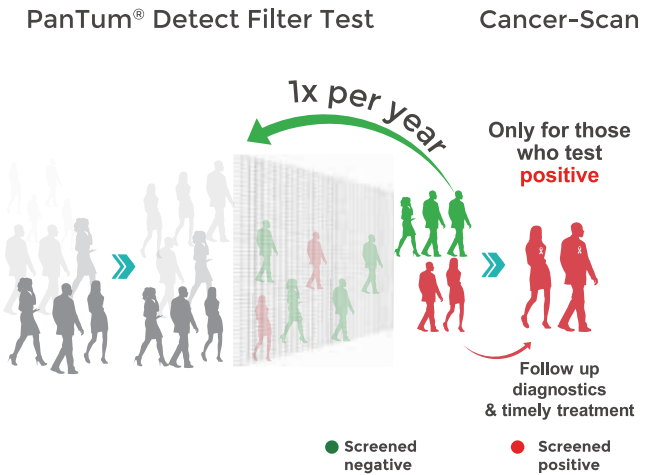
Treatment in early cancer stage reduces the morbidity, mortality and medical expenses

Cancer-Scan Program

Integrated multi-cancer screening concept

Cancer-Scan Program incorporates pre-testing with PanTum[®] Detect screening blood test and targeted follow-up cancer detection diagnostics (PET-CT, MRI, Histopathology) only for those individuals that screen positive with PanTum[®] Detect blood test.

Don't wait for onset of symptoms



Benefits and Limitations associated with Cancer-Scan program

Benefits:-

- PanTum[®] Detect is a simple blood test
- PanTum[®] Detect has a high sensitivity of 97.5% (true positives) and specificity of 99% (true negatives) as per IVD CE validation study
- PanTum[®] Detect blood test is suitable for annual multi-cancer screening when integrated with Cancer-Scan
- Only those screened candidates are exposed to imaging who test positive with PanTum[®] Detect
- Annual screening increases the chance of detecting a silently growing tumor in an early stage

Limitations:-

- PanTum[®] Detect is not suitable for individuals with a compromised immune system which has an effect on circulating macrophage numbers
- No screening test provides a result that is 100% accurate or reliable
 - Statistically 1 in 100 candidates screened will receive a false positive result (they don't have the disease but test positive)
 - Statistically 2.5 in 100 candidates with disease will receive false negative result (they do have disease but test negative)
- False results are a psychological strain for individuals that get screened with PanTum[®] Detect



A personal decision for each screening candidate

The decision to test with PanTum® Detect is personal for every individual.

The individual needs to be aware of the limitations and should weigh these against the benefits of annual screening with PanTum® Detect.

The best cure for
cancer is to detect

**SILENTLY
GROWING
TUMORS**

before they
become dangerous



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