What you should know about **Breast Cancer** 

Breast cancer begins in the breast tissue that is made up of glands for milk production, called lobules, and

All women are at risk for developing breast cancer.

the ducts that connect the lobules to the nipple.

Breast cancer is the 2nd deadliest

1 in 8

252,710

cancer among women.

women will be diagnosed with breast cancer in her lifetime.

3.1 million women living in the US have a history of breast cancer.

women are diagnosed with invasive breast cancer each year. 63,410 women are diagnosed with in situ breast cancer each year.

will die from breast cancer this year.

40,610

2,470 men are diagnosed with breast cancer each year. 460 will die from the disease this year.

# vpes of Breast Cancer

abnormal cells have been contained in the lining of the breast milk duct.

**Ductal Carcinoma In Situ** 

A non-invasive breast cancer where

### **Triple Negative Breast Cancer**

Means that the cells in the tumor are negative for progesterone, estrogen, and HER2/neu receptors.

#### **Metastatic Breast Cancer**

A cancer that has spread beyond the breast, sometimes into the lungs, bones, or brain.

### **Invasive Ductal Carcinoma**

Means that abnormal cells that originated in the lining of the breast milk duct have invaded surrounding tissue.

A less common form of breast cancer that may not develop a tumor and often affects the skin.

**Inflammatory Breast Cancer** 

#### **Breast Cancer During Pregnancy**

Women who are diagnosed with breast cancer during pregnancy may face tremendous additional strain due to concern for the safety of the unborn child.

www.nationalbreastcancer.org

Source: National Breast Cancer Foundation, Inc.

## Stages of Breast Cancer

S.E.E.R. Summary Stage System (Surveillance, Epidemiology, and End Results)

TNM Staging System 5-Year Survival Rate:

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stage

Local

to the breast

Refers to cancers that are confined

99%

Regional stage

to surrounding tissue or nearby lymph nodes

Refers to tumors that have spread

84%

**Distant** stage

(spread) to distant organs or lymph nodes above the collarbone

Refers to cancers that have metastasized



When diagnosed late (distant stage) instead of

5-year survival is

lower for women diagnosed before age 40.

**High breast density** 

5%

## Painless lump (most common)

lymph nodes Swelling, thickening or redness

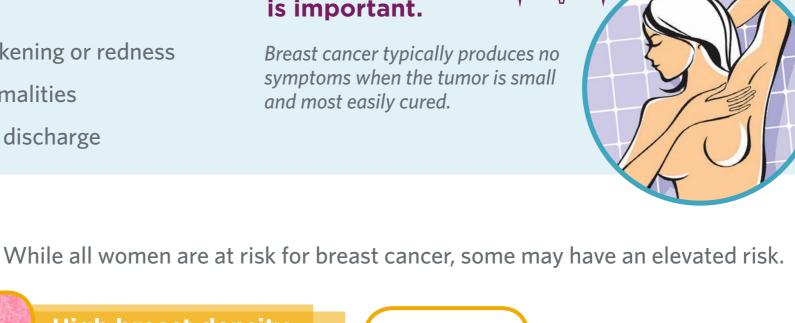
Lump or swelling of underarm

- Nipple abnormalities
- Spontaneous discharge

Breast cancer typically produces no symptoms when the tumor is small and most easily cured.

Early screening •

is important.

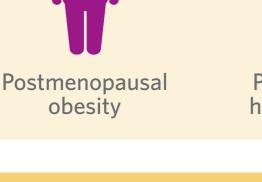


Risk

**Increasing age** 



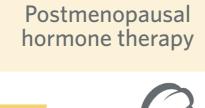
**BRCA** gene mutation



**Factors not** 

associated with

breast cancer risk:





consumption

Alcohol







Magee-Womens Hospital of UPMC

Breast cancer statistical information provided by The American Cancer Society

www.cancer.org