



**Give
the gift**

**of a
healthy
future.**

**Women who
immigrate to
the U.S. will
have breast
cancer rates
similar to
women in
their home
countries,
but...**

with each generation, rates will rise and their daughters or grand-daughters will have breast cancer rates like other women born in the U.S. (1 in 8)

(WWW.KOMEN.ORG), (WWW.CDC.GOV)





*Karen Tso
was fighting
breast cancer
long before
she was
diagnosed.*

READ HER
BREAST
CANCER
STORY ON
PAGE 16

We want to find out why.

The Susan G. Komen Tissue Bank at the IU Simon Comprehensive Cancer Center (KTB) is the only bank of healthy breast tissue samples in the world.

Researchers are comparing these healthy samples to cancerous ones to find out why cancer starts and how to stop it.

Each healthy breast tissue sample is a gift to future generations of women.

How we make a difference:

1

WE HOST EVENTS WHERE WOMEN CAN DONATE BREAST TISSUE.

With the help of many wonderful volunteers, we host a few donation events each year. At each event, men and women can make a difference by giving healthy breast tissue samples. Donation times at the events are available by appointment.

DETAILS ABOUT OUR EVENTS ON PAGES 8-9



"I feel better knowing that I could be part of the cure."

MARIA'S DONATION STORY ON PAGE 16



2

THE ANONYMOUS SAMPLES ARE KEPT PROTECTED.

Medical history collected at the event (such as age, ethnicity, weight, and health history) is kept with each sample, but the donor's name stays confidential.



3

RESEARCHERS ALL OVER THE WORLD CAN SEND RESEARCH PROPOSALS TO BE APPROVED AND CAN USE THE TISSUE SAMPLES.



cross-section of breast tissue under microscope

4

RESEARCHERS SEND THEIR DATA BACK TO US.

We make it available to researchers around the world and to the public.



"The KTB helped us show how a specific gene may lead to cancer."

DR. SINGEL SHARES HER WORK ON PAGE 16

How our donation events work:

★ SIGN UP FOR AN APPOINTMENT

1 CHECK IN AT EVENT

2 READ & SIGN CONSENT

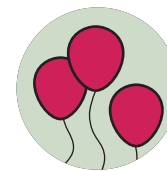
3 FILL OUT MEDICAL HISTORY FORMS

4 DONATE

5 CHECK OUT



Steps 1-5 take about 90 minutes total.



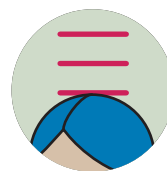
Celebrate having made a difference!



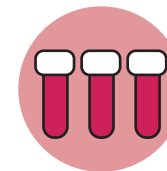
Tasty treats are provided.

6 CELEBRATE

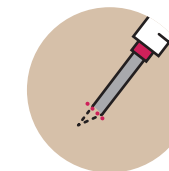
7 RECOVER



Height and body weight are measured.



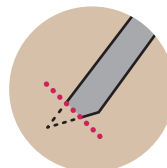
Three tubes of blood are drawn.



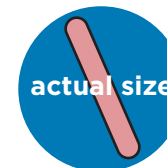
A lidocaine shot numbs skin of breast.



A small cut is made on the side of the breast.



A special vacuum needle is inserted into this cut.



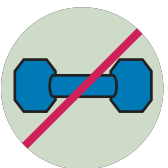
Several samples are taken in the space of 30 seconds.



Pressure is held on the cut for 10 minutes before bandaging.



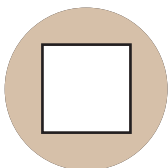
Ice pack is placed over bandage inside the bra.



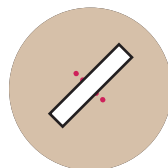
For 24 hours after, no heavy lifting or hard workouts.



There may be some soreness and bruising.



Outer bandage can be removed after 24 hours.



Leave steri-strip on until it falls off (or 1 week)



What a difference a day makes.

Women have given the gift of their time and their healthy breast tissue for many reasons: to honor loved ones they've lost to cancer, to support loves ones still fighting, or to work toward a future where whole generations of women are free from breast cancer.



Ways you can get involved:

1

GIVE THE GIFT OF HEALTHY TISSUE

On our website you can find frequently asked questions, watch a video of an actual procedure, and see a step-by-step walkthrough of a donor's day. When you're ready, you may also join our interested donor list or sign up for an appointment at a collection event.

TO DONATE YOU MUST...

- be a biological man or woman at least 18 years of age.
- be able to understand and willing to sign an informed consent.
- be willing to spend about 90 minutes completing a questionnaire and giving a breast tissue sample.
- not be allergic to local anesthetics (numbing medicines like lidocaine).
- not be taking a blood thinner (besides aspirin).
- not have breast implants.



2

SIGN UP TO VOLUNTEER

On our website, you will find a list of volunteer roles, descriptions, and qualifications. You can sign up online for these roles or a shift to work at a tissue collection event. You can also join the interested volunteer list to be notified of future opportunities.

3

GIVE A MONETARY DONATION

No donation is too small. Funds raised will be used for collection events, allowing the Komen Tissue Bank to continue supporting research in the future. Give your gift using our secure donation portal on our website or mail your check to the following address:

INDIANA UNIVERSITY
FOUNDATION
PO Box 7072
Indianapolis, IN 46207-7072

4

ASK US QUESTIONS OR FIND OUT MORE

If you have questions or want more information, please contact us:

866.763.0047
komentb@iu.edu
www.komentissuebank.iu.edu

5

CONNECT WITH US ON SOCIAL MEDIA



KomenTissueBank





Karen Tso was fighting breast cancer long before she was diagnosed.

Many women don't think much about breast cancer until they are blindsided by the words "you have cancer." For Karen Tso, it was a little different. Her work coordinating breast cancer screening and education meant she had thought about breast cancer every day for many years by the time she was

diagnosed in 2005. She had learned what to expect, which brought her some comfort and allowed her to face cancer head-on. She defiantly shaved off her own hair so chemotherapy couldn't force her to watch it slowly fall out. Her treatment left her tired and with little appetite at times, but she considers her experience quite mild when she recalls the heart-wrenching stories other women have shared with her.

Karen is now healthy and more ready than ever to teach women, especially Asian women, about breast cancer and the power of taking charge of their own health.



I feel better knowing that I could be part of the cure.

MARIA RAMIREZ

I donated as soon as I heard about the Komen Tissue Bank in 2011. Many people asked why I did it. I just felt it was the right thing to do, not knowing the real answer to that question would come three years later when my mom, who lives in

my home country of Colombia, was diagnosed with breast cancer. In her honor I donated again on her birthday in 2014, which was a very emotional experience that helped me feel connected to her in a very special way.

The donation process is fast and simple. I did have some minor bruising and discomfort for a couple of days. My advice? Just do it! You never know when breast cancer is going to knock on your door or the door of someone you love. I know I feel better knowing that I could be part of a cure.

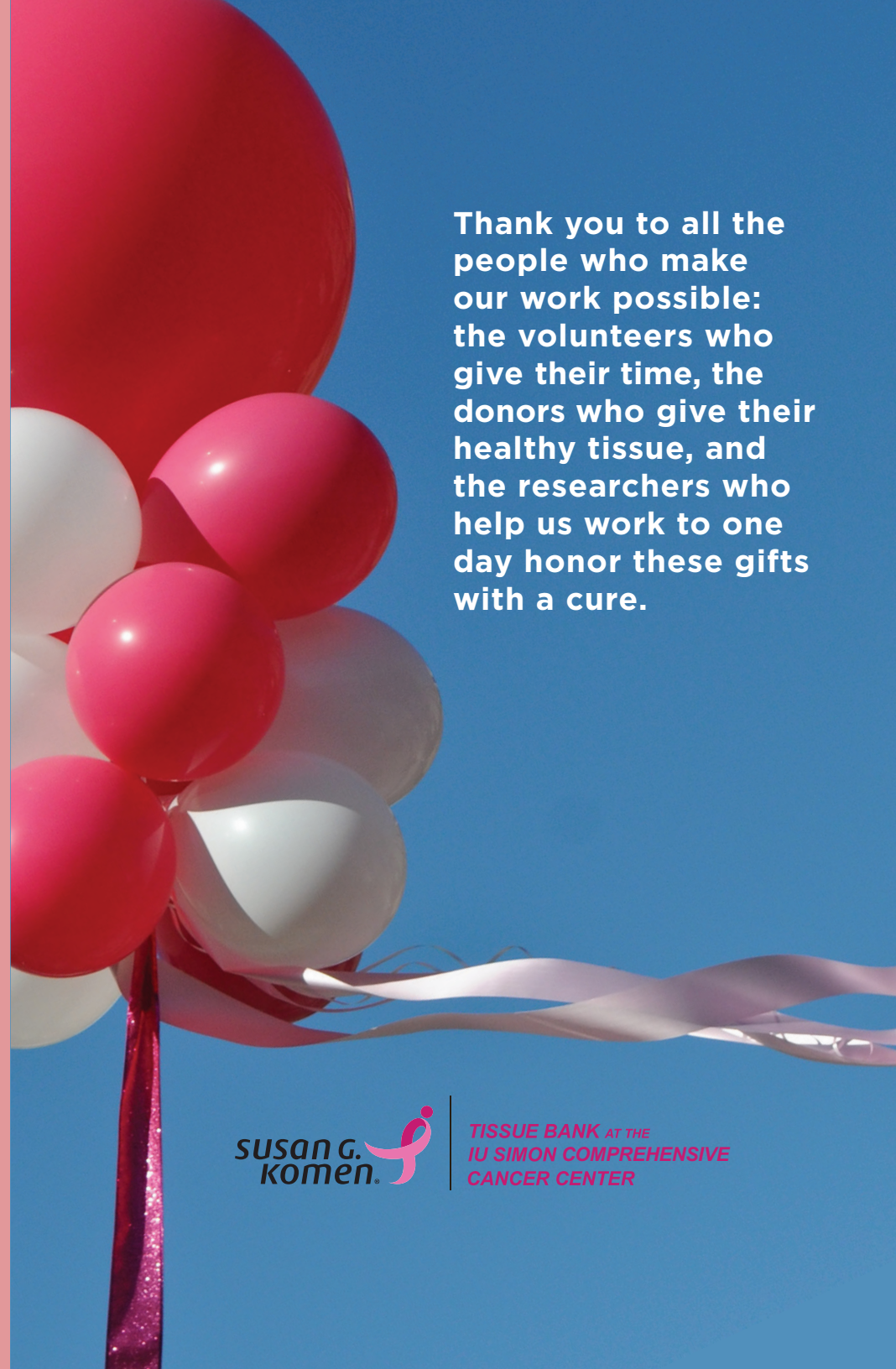


The KTB samples helped us show how a specific gene may lead to cancer.

STINA SINGEL, MD, PHD

Using the KTB samples helped us show that a gene called KIF14 is found more often in women at a

higher risk of breast cancer. We also showed that KIF14 can cause healthy breast cells to change in ways that lead to cancer, such as faster growth, ability to grow free from other cells, and ability to survive chemotherapy. One day, patients who test positive for the KIF14 gene and their doctors will know to start watching for signs long before breast cancer begins to grow.



Thank you to all the people who make our work possible: the volunteers who give their time, the donors who give their healthy tissue, and the researchers who help us work to one day honor these gifts with a cure.

**susan g.
komen.**



**TISSUE BANK AT THE
IU SIMON COMPREHENSIVE
CANCER CENTER**

PLEASE SHARE THIS BOOK
WITH THE LADIES IN
YOUR LIFE.



www.komentissuebank.iu.edu • komentb@iu.edu • 866.763.0047



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members and financial support from the Indiana CTSI.*