

Inova Genetic Testing and Counseling Program

This year we are highlighting our **Genetics Testing and Counseling Program**, a critical aspect of our cancer service. The outcomes presented are specific to our system-wide breast program.

The **Inova Breast Care Institute** offers a system-wide team of expert physicians and staff committed to the seamless delivery of comprehensive, world-class breast care. Inova Breast Care Institute treats more than 1,100 women each year. In addition to following the National Comprehensive Cancer Network (NCCN) guidelines for breast cancer risk reduction, all Inova hospitals are accredited by National Accreditation Program for Breast Centers (NAPBC), making us the largest accredited program on the East Coast.

With promising treatments, groundbreaking research and our expanded Genetics Counseling Program, the Inova Breast Care Institute brings new hope and possibilities to those facing breast cancer.

Program Highlight: Genetics Counseling Program

Inova's Cancer Genetic Counseling Program is an important part of our commitment to providing world-class oncology services. Developed as a result of community need, and provider and patient request, this program serves individuals who are at increased risk for hereditary cancer. We see patients and families with many different types of cancers, including breast, ovarian and colon cancer.

At Inova, cancer genetic counseling is provided by board-certified genetic counselors who are Master's-level health professionals trained in cancer risk assessment as well as in the special counseling needs of patients who choose to undergo genetic testing.

Cancer genetic counseling includes:

- Reviewing medical history, family history and other cancer risk factors and providing an estimate of a person's risk for developing specific cancers
- Estimating the likelihood that the cancers in a family are hereditary
- Providing cancer screening and risk-reducing recommendations based on an individual's level of risk
- Discussing the benefits, limitations and risks of genetic testing
- Providing genetic testing for appropriate individuals, and follow-up counseling to discuss the results and their meaning



Inova Genetics Counselor, Cassidi Kalejta, talks with a patient.

2012 Breast Tumor Boards

These multidisciplinary case discussions, held at each hospital, also include representation from our genetics counseling program.

Inova Alexandria Hospital

24 conferences with 87 cases discussed

Inova Fairfax Hospital

51 conferences with 174 cases discussed

Inova Fair Oaks Hospital

39 conferences with 228 cases discussed

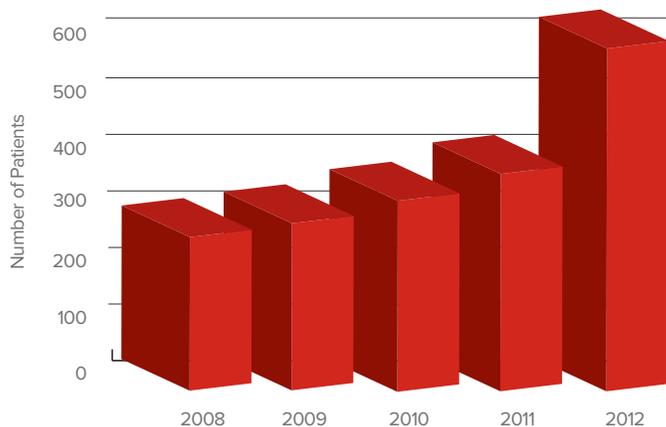
Inova Loudoun Hospital

24 conferences with 89 cases discussed

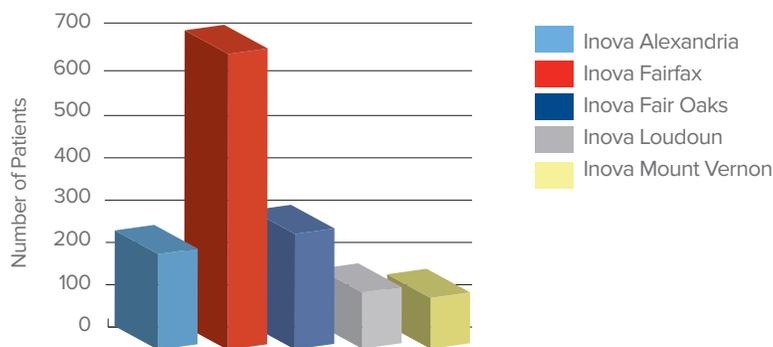
Inova Mount Vernon Hospital

18 conferences with 58 cases discussed

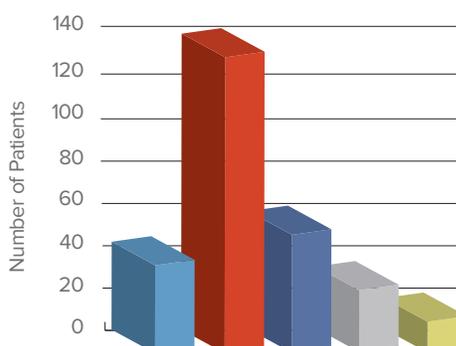
Genetic Counseling Patient Volume



2012 Breast Cases*

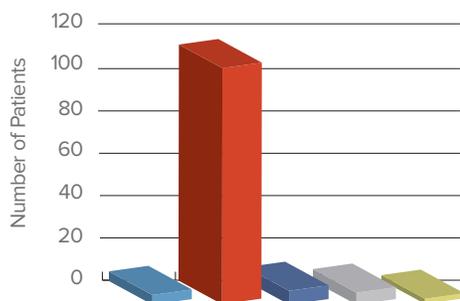


2012 Colon Cases*



*Cases diagnosed and/or administered any of the first course of treatment at the facility

2012 Ovarian Cases*



Breast Cancer and Genetic Counseling Awareness and Education Events

Decoding Annie Parker Movie Premier Sponsorship

October 1, 2013



In conjunction with Facing Our Risk of Cancer Empowered (FORCE) and WUSA 9, Inova

sponsored the Washington, DC, Exclusive Premier of the Hollywood Film "Decoding Annie Parker". The movie based on the discovery of the BRCA1 gene tells the story of Annie Parker, a sharp witted young woman who watches her mother, then sister, fall victim to breast cancer.

New Horizons in Breast Care: Genetics, Genomics and Epigenetics

October 26, 2013

Over 100 attendees visited this annual event, held in collaboration with the Loudoun Breast Health Network, which featured education for survivors with exercise sessions, a panel discussion on recent advancements in genetics, genomics and epigenetics, and community resources available for survivors.

Breast Cancer Survivorship Care: A Special Program to Offer Guidance to Patients and Survivors

September 28, 2013

A panel discussion featured Breast experts discussing topics like patient guidelines, healthy hearts and an aspirin, nutrition, survivorship care plans, intimacy and sexuality and hormones.

Ben Solomon, MD, Geneticist joins the Inova Translational Medicine Institute



Dr. Solomon will lead a new division of Medical Genomics at Inova that includes a team of genetic counselors providing direct patient care. The new division is designed to provide physicians and their patients the best application of genomic testing to the management of specific diseases.

Through a number of clinical research projects involving newborns and their parents, Inova is working to determine the broad implications of genomics to healthcare, including the application of high-throughput whole genome sequencing and related technologies to help identify disease risk for patients and improve health outcomes.