

Promoting Healthy People 2020 Genomics Objectives in Connecticut:

Evidence Based Recommendations for Hereditary Breast and Ovarian Cancer Syndrome and Lynch Syndrome

Beverly Burke, M.S.W., Genomics Office Coordinator

Contributor: Joan Foland, M.H.S., M.Phil., Genomics Epidemiologist

Connecticut Department of Public Health



Jewel Mullen, MD, MPH, MPA, Commissioner

Burden of Disease drives interest in National Guidelines

- ❖ National clinical guidelines reflect the increasing scientific evidence for using family health history and genetic tests to guide clinical assessments for hereditary cancer syndromes.
- ❖ Healthy People 2020 introduced Genomics as a new topic area, includes two objectives for hereditary cancer syndromes:
 - Hereditary Breast and Ovarian Cancer Syndrome (HBOC) and
 - Nonpolyposis Colorectal Cancer, or Lynch Syndrome

***Connecticut Response:* Healthy People 2020 Action Project**

Project funding provided by a grant from: US DHHS- Healthy People 2020 Action Project

Promoting Cancer Genomics Evidence Based Recommendations in Connecticut

Phase I: A surveillance reporting and education intervention for key hospital staff

Methodology: Select staff at Connecticut's 31 acute care hospitals were provided:

- **Facility-specific reports** containing multi-year Connecticut Tumor Registry data on number of diagnosed cancers potentially associated with hereditary breast and ovarian cancer and Lynch syndromes;
- **Evidence-based recommendations** for genetic counseling and testing based on personal/family health history;
- **Resources** – patient information sheets (English and Spanish), genetic counselor contact listing;
- **Grand Rounds training** on prevention and early detection of HBOC/Lynch, and appropriate use of genetic counseling and testing provide *on site*.

* *One Grand Rounds session recorded and posted on CT TRAIN.*

CANCER GENOMICS BEST PRACTICES

*for Connecticut
Healthcare Providers*



Education booklet:
mailed to hospitals;
distributed at Grand
Rounds trainings; and
posted on CT DPH
website.

**Hereditary
Breast and Ovarian
Cancer Syndrome**

Lynch Syndrome



Broadening the Educational Campaign

- **Phase II:**

Over 900 CT physicians in obstetrics/gynecology and gastroenterology* were sent evidence-based recommendations and educational materials, along with a decision-support slide tool. **These doctors are considered the most likely to identify individuals with family histories of cancer who might benefit from genetic counseling and testing.*

- **Next Steps:**

- Share notice of these resources with professional associations in CT.
- Pursue distribution to additional populations identified in surveys.
- Partner to reach providers of underserved populations
- Produce hospital report on a biannual basis, updating recommendations and resources.

Thank You.

Beverly Burke, CT DPH Genomics Office at: beverly.burke@ct.gov