Session #1:
June 12, 2019

Introduction

• Core ECHO Team

• Goal: Increase cancer genetic testing in patient with breast cancer to at least 50%

• Project ECHO: A Revolution in Medical Education and Care Delivery

Support from: Association of Community Cancer Centers and Pfizer
Independent Grants for Learning & Change

Check-In

• Participant Locations
  – Cancer Center of Kansas
  – Kansas Dept of Health & Environment or other agencies
  – Lawrence Memorial Hospital
  – North Kansas City Hospital
  – Olathe Medical Center
  – Salina Regional/Tammy Walker Cancer Center
  – Truman Medical Center
  – University of Kansas Health System
    • Hays Med
    • KU Cancer Center
    • St. Francis
Recording
We will be recording this Breast Cancer Genetics ECHO for educational and quality improvement purposes.

By participating in this ECHO clinic you are consenting to be recorded.

Some Helpful Tips
• Test both audio & video
• Mute microphone when not speaking
  – Bottom left of your screen
  – Remember to unmute before speaking
• Your participation is important!
  – Speak clearly
  – Short and to the point comments are best
  – Use chat function
• Position webcam effectively
  – Show your face
  – Have a good light source from the front
  – Avoid being backlit

Essential Elements and Clinic Process for Cancer Genetic Testing
Objectives for Today’s Session:
• Identify patients who meet hereditary cancer testing guidelines
• What is each care team members responsibility?
  – Physicians, Advanced Practice Providers, Nurses, Genetic counselors
• Education and Consent
• Visit Type and Billing
• Items available in the “Tool Kit” indicated with
Workflow Analysis: Screening

- EMR Documentation should be in structured fields
- Add personal and family history through ICD10 codes so it becomes part of the problem list
- Understand EMR functionality for collecting, updating, flagging personal and family history

Collection of Personal & Family History

Do You Have a Personal or Family History of Cancer?

Electronic Capture

https://myhealth.srhc.com/health-library/story/302a294c-1c4a-4763-bdb3-2cb1881a63fb
Genetic testing should be considered in appropriate high-risk individuals where it will impact the medical management of the tested individual or their at-risk family members.


NCCN Guidelines Version 3.2019
Generalized Summary & Triggers for Assessment

- Personal history of breast cancer at any age with >1 affected close family member
- \( \leq 50\% \) (regardless of family history)
- \(< 60 \) y/o with TNBC
- At diagnosis of Her-2 negative metastatic disease
- Personal history of ovarian, metastatic prostate, pancreatic
- Ashkenazi Jewish Ancestry
- Reflex testing after mutation found during molecular profiling

**Digital Collection & Evaluation**

- FH= Family History
- CRA= Cancer Risk Assessment

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**Education & Consent**

Knowledge of genetic testing for cancer risk, treatment, & management
- Including the benefits, risks, & limitations
- Handouts, videos, presentations

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**Billing**

- **Type of Visit**
  - Part of clinic visit MD/APP
    - time based billing or higher level of service
  - Separate Visit
    - MD/APP- billable consult
    - GC/Nurse Nav or Nurse Educator- usually non-billable or facility fee

- **Documentation to support the visit type**
  - Smart Phrases
  - Note time spent
Sample Collection

<table>
<thead>
<tr>
<th>Sample Collection</th>
<th>Collection</th>
<th>Process</th>
<th>Responsible</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collected sample</td>
<td>In person</td>
<td>Donor collects sample on site; process; nurse or phlebotomist verifies all for accuracy</td>
<td>Nurse or phlebotomist</td>
</tr>
<tr>
<td>Package sample</td>
<td>In lab</td>
<td>Lab staff or phlebotomist packs sample &amp; test request in bag &amp; shipping kit</td>
<td>Nurse or phlebotomist</td>
</tr>
<tr>
<td>Send Sample to Lab</td>
<td>In lab</td>
<td>Lab staff prepares &amp; test requests &amp; sends shipping kit &amp; lab staff</td>
<td>Nurse, phlebotomist, or lab staff</td>
</tr>
</tbody>
</table>

Blood or Buccal:
- In lab or clinic
- Packaging
- Shipping
- Documentation

Homework

- Review organizational process
- Complete the workflow analysis worksheet