Building Quality Improvement Capacity using EHR's

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Qualis Health
December 11, 2018

Goals for this session

- Deeper Dive into Clinical Quality Measure (CQM)
- How to Help Practices with Data Validation
- Coaching a Practice in Data Driven QI

Healthy Hearts Northwest (i2K) was a study about improving cardiovascular risk factors by expanding the quality improvement (QI) capacity within small and medium-sized practices in Washington, Oregon, and Idaho. Practices worked directly with an i2K coach for 21 months to identify potential improvements and make progress toward their goals. Thank you for being part of this important effort to improve patients' heart health!

Cardiovascular risk factors at participating practices are improving!

- Appropriate Use of Aspirin has increased from 63.1% to 70.2%
- Control of High Blood Pressure has improved from 60.4% to 62.5%
- Screening and Smoking Cessation Intervention improved from 70.3% to 76.7%
### The ABCS Clinical Quality Measures (CQMs)

<table>
<thead>
<tr>
<th>eMeasure Title</th>
<th>NQF Number</th>
<th>CMS ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antithrombotic</td>
<td>NQF0068</td>
<td>CMS164v4</td>
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<tr>
<td>Controlling High Blood Pressure</td>
<td>NQF0018</td>
<td>CMS165v4</td>
</tr>
<tr>
<td>Statin Therapy for the Prevention and Treatment of Cardiovascular Disease</td>
<td>Pending</td>
<td>CMS347v0</td>
</tr>
<tr>
<td>Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention</td>
<td>NQF0028</td>
<td>CMS138v4</td>
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</tbody>
</table>

Many Clinics did not Know If Their EHR Could Pull ABCS  
**How Does the PF Guide?**

CQMs Part of HiTech Act

- Certification of EHR's
- EHR's required min 9 Certified CQM's
- Designed for Quality Payment Programs
- Standardized Specifications
- Updated Annually
- QPP, MU, PQRS, HEDIS, ACO etc.
- Evidence Based
What IS a CQM?

Million Hearts Clinical Quality 2016

<table>
<thead>
<tr>
<th>Measure</th>
<th>Measure Name</th>
<th>Measure Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aspirin Use</td>
<td>NQF 0068</td>
<td>Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antithrombotic. Percentage of patients aged 18 years and older with IVD with documented use of aspirin or another antithrombotic (78-80% in 2015)</td>
</tr>
<tr>
<td>Blood Pressure Control</td>
<td>NQF 0018</td>
<td>Hypertension (HTN): Controlling High Blood Pressure. Percentage of patients aged 18 through 85 years who had a diagnosis of HTN and whose blood pressure was adequately controlled (&lt;140/90) during the measurement year (64-71% in 2015)</td>
</tr>
<tr>
<td>Cholesterol Management</td>
<td>PQRS 438</td>
<td>Statin Therapy for Prevention and Treatment of Cardiovascular Disease. Percentage of the following patients who were prescribed or were on statin therapy during the measurement period: • Adults aged ≥ 21 years who were previously diagnosed with or currently have an active diagnosis of clinical atherosclerotic cardiovascular disease (ASCVD); OR • Adults aged ≥ 21 years with a fasting or direct low-density lipoprotein cholesterol (LDL-C) level ≥ 190 mg/dL; OR • Adults aged 40-75 years with a diagnosis of diabetes with a fasting or direct LDL-C level of 70-189 mg/dL</td>
</tr>
<tr>
<td>Smoking Cessation</td>
<td>NQF 0028</td>
<td>Preventive Care and Screening: Tobacco Use. Percentage of patients aged 18 years and older who were screened about tobacco use one or more times within 24 months and who received cessation counseling if identified as a tobacco user (83-91% in 2015)</td>
</tr>
</tbody>
</table>

NOTE: All CQMs are included in Cardiology, Internal Medicine, and General Practice/Primary Care Specialty Measure Sets in the CMS Quality Payment Program

What we did
CHPL Website

https://chpl.healthit.gov/#/search

Certified Health IT Product List

<table>
<thead>
<tr>
<th>Year</th>
<th>Company</th>
<th>Product Name</th>
<th>Type</th>
<th>Status</th>
<th>Date</th>
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<tr>
<td>2013</td>
<td>aSageHealth, LLC</td>
<td>aSageHealth Certified EHR</td>
<td>Certified</td>
<td>Active</td>
<td>10/10/2013</td>
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</tr>
</tbody>
</table>

Certification Status

- Active
- Certified

Certification Edition

- 2013

Version

- 2.0
Now we Have a Measure
Validate
“Make it Real”
A Canned Report in NextGen

Now that We know Patient Care Gaps QI Begins!

Quality Improvement- Make it "Theirs"
Aspirin

The Model for Improvement

Aims

Measures

Change Ideas

What are we trying to accomplish?

How will we know that a change is an improvement?

What change can we make that will result in improvement?

Act

Plan

Study

Do

A simple, powerful tool for accelerating improvement
Example: Improving Controlling High Blood Pressure Measure

1. Ran EHR Canned Report for Controlling High Blood Pressure CMS 165
2. Validated Measure – Looked up 10 pts
3. Team set goals (AIM Statement)
4. PDSA Cycle Process determined
5. Tested small changes
6. Adopted Improvements

Standard Visit Flow

Example: Controlling BP
What are we trying to Improve?

Build QI Capacity
  • IHI Model for Improvement

Improve Heart Health Indicators
  • Aspirin
  • Blood Pressure
  • Cholesterol
  • Smoking

One of Highest Adopted Change: Process for a 2nd BP reading Entered in Vitals

Laminated hearts hung on exam room doors to indicate initially elevated BP reading

Why Practice Facilitation is Important

Help to providers, especially smaller clinics, to:
  #1 Be able to use EHRs to generate data reports
  #2 Look at the data and identify care gaps
  #3 Develop processes for improving care and outcomes
  #4 Report data on a regular basis
  #5 Understand what is coming down the pike, and the need to change in order to survive
Thank you!

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