Facilitating Improved Cardiovascular Health in Health System Operated Primary Care Practices

MAHEC Health Innovation Partners

Mark Holmstrom, MSHA, FACHE, CMPE
QI Consultant
Who Are We?
What Matters to You?
This research was supported by grant number 5R18HS023912 from the Agency for Healthcare Research and Quality (AHRQ)
Challenge

Health System

Practices
**Health System**
- Common Measure
- EHR Standardization
- Education on Evidence
- Inter-Clinic Reporting

**Intra-Clinic Reporting**
- Increase Knowledge
- Improve Care Process
- Improve Health

**Clinics**
- Measure Choice
- QI Team Structure
- Workflow Changes
- Intra-Clinic Reporting
Individualized Practice Facilitation

* Kick-Off Meeting
* Initiation of Monthly QI Team Meetings
  * Review action items and changes from previous month
  * Review measure data by provider
  * Discuss staff and provider education needs
  * Develop improvement ideas
  * Drive PDSAs
Clinic Chart

Percent of HTN Patients with Controlled BP (<140/90)

<table>
<thead>
<tr>
<th>Month</th>
<th>Mar-17</th>
<th>Apr-17</th>
<th>May-17</th>
<th>Jun-17</th>
<th>Jul-17</th>
<th>Aug-17</th>
<th>Sep-17</th>
<th>Oct-17</th>
<th>Nov-17</th>
<th>Dec-17</th>
<th>Jan-18</th>
<th>Feb-18</th>
<th>Mar-18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Practice</td>
<td>48%</td>
<td>48%</td>
<td>49%</td>
<td>50%</td>
<td>52%</td>
<td>54%</td>
<td>55%</td>
<td>55%</td>
<td>55%</td>
<td>55%</td>
<td>55%</td>
<td>60%</td>
<td>65%</td>
</tr>
<tr>
<td>Baseline</td>
<td>48%</td>
<td>48%</td>
<td>48%</td>
<td>48%</td>
<td>48%</td>
<td>48%</td>
<td>48%</td>
<td>48%</td>
<td>48%</td>
<td>48%</td>
<td>48%</td>
<td>48%</td>
<td>48%</td>
</tr>
<tr>
<td>Goal</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
<td>70%</td>
</tr>
</tbody>
</table>
Leveraging the Collective

* Quarterly All-Practice Collaborative
  * Review the inter-clinic charts
  * Discuss and share ideas, especially high performers
* Evidence Education:
  * Ambulatory BP Monitoring
  * The Utility of Risk Scores
  * Population Health and Using the EHR Dashboard
  * Discussing ASCVD Risk Scores with Patients
  * E-cigarette Update
  * 2017 ACC-AHA Hypertension Guidelines
  * Health Healthy Nutrition and Exercise
Group Chart

Percent of Eligible Patients Receiving Tobacco Cessation Intervention
Outcomes

989 patients with high BP that was not controlled now have it under control.

Increased percentage of patients who received smoking cessation counseling during a primary care visit:
- Baseline: 37%
- After Heart Health NOW: 53%

Among patients with an ASCVD* risk score greater than 10% who were not taking a statin or aspirin:
- 432 started taking a statin (16.5%)
- 589 started taking aspirin (21.5%)

*Atherosclerotic Cardiovascular Disease