COPD Action Plan

Rob Chamberlain  
Maine Medical Center

Samantha Marrier  
Maine Medical Center

Karin Doehne  
Maine Medical Center

Martine Eon  
Maine Medical Center

Penny Binette  
Maine Medical Center

See next page for additional authors

Follow this and additional works at: https://knowledgeconnection.mainehealth.org/mmc

Part of the Respiratory Tract Diseases Commons

Recommended Citation
Chamberlain, Rob; Marrier, Samantha; Doehne, Karin; Eon, Martine; Binette, Penny; Rousselle, Donna; O'Donnell, Morgan; Gagnon, Linh; and Sharkey, Carole, "COPD Action Plan" (2018). Maine Medical Center. 718.  
https://knowledgeconnection.mainehealth.org/mmc/718

This A3 is brought to you for free and open access by the All MaineHealth at MaineHealth Knowledge Connection. It has been accepted for inclusion in Maine Medical Center by an authorized administrator of MaineHealth Knowledge Connection. For more information, please contact mckeld1@mmc.org.
Project: COPD Action Plan
Last Updated: 10/8/18

Team Members: Karin Doehne MD, Martine Eon, Penny Binette, Donna Rousselle, Morgan O'Donnell, Linh Gagnon, Carole Sharkey

Executive Sponsor: Rob Chamberlin MD
Facilitator: Samantha Marrier

Problem/Impact Statement:
COPD is a significant driver of patient morbidity and mortality, as well as being associated with increased cost utilization. Acute exacerbations of COPD are a common cause for ED utilization.

Scope:
In Scope: Primary Care adult patients - MMC Adult IM, MMC IM/Peds, Lakes Region
Out of Scope: Inpatient, admissions

Goal/Objective:
Increase the rate of COPD patients with an Action Plans in Primary Care to 18% by December 31, 2018.

Baseline Metrics/Current State:
Literature reviews show that self management tools such as Action Plans have been shown to reduce ED utilization and hospital admissions as well as improve quality of life.

Root Cause Analysis:
Less than 4% of COPD patients at the pilot sites who had an ED visit for an COPD exacerbation in the past year had an Action Plan at the time of their visit.

Countermeasures

<table>
<thead>
<tr>
<th>Completion Plan Item (What)</th>
<th>Who</th>
<th>By When</th>
<th>Status</th>
<th>Completion Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Determine baseline data</td>
<td>Sam</td>
<td>4/1/2018</td>
<td></td>
<td>4/5/2018</td>
</tr>
<tr>
<td>Develop ideal workflow for use of Action Plan</td>
<td>Team</td>
<td>6/1/2018</td>
<td></td>
<td>6/30/2018</td>
</tr>
<tr>
<td>Identify Pilot Sites</td>
<td>Team</td>
<td>6/1/2018</td>
<td></td>
<td>6/1/2018</td>
</tr>
<tr>
<td>Initiate Pilot</td>
<td>Team</td>
<td>8/1/2018</td>
<td></td>
<td>8/6/2018</td>
</tr>
<tr>
<td>Plan for spread</td>
<td>Team</td>
<td>10/1/2018</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Next Steps
- Gain increased buy in from providers and Care Managers by providing further education around action plans and inhaler use by January 2019.
- Initiate a small scale spread to a site with a Pharmacist by January 2019.
- Improve Epic functionality including developing a SmartForm for easier documentation by April 2019.

Barriers:
- Provider buy in
- Increased visit time required
- Epic functionality

Increased the rate of Action Plans to 11.1%