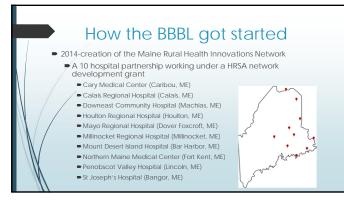
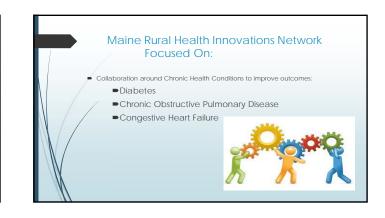


Leslie KR Anderson, PT, MSB Chief Operating Officer Cary Medical Center



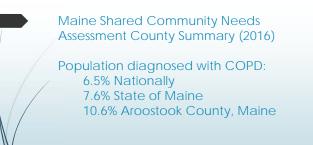
The Better Breathing, Better Living project is supported by the Health Resources & Services Administration (HRSA) of the U.S. Department of Health & Human Services(HHS) under a Small Healthcare Provider Quality Improvement grant, grant number G20RH30540, total grant amount \$600,000. This content and conclusions are those of the author and should not be construed as the official position or policy of, not should any endorsements be inferred by HRSA, HHS or the U.S Government.





COPD Challenges:

- 3rd leading cause of 30 day re-admissions
- 30 day re-admission rate is 19.2% (Annals of American Thoracic Society, 2018)
- Highest rates of COPD re-admission is within the first 72 hours of discharge
- Greater than half of the COPD re-admissions occur within the first 15 days of discharge
- Medicaid payor status, Lower household income & higher comorbidity burden all contribute to higher re-admission rates





Maine Shared Community Needs Assessment County Summary, 2016



Better Breathing, Better Living

\$600,000 for a 3 year grant to improve the quality of care that our patients with COPD received

Slide 7

LA1 Leslie Anderson, 5/30/2019







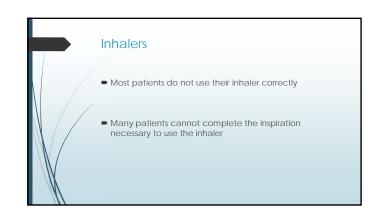




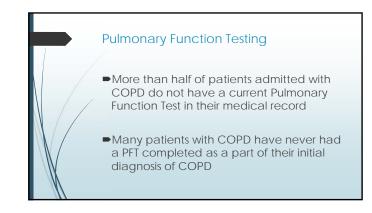


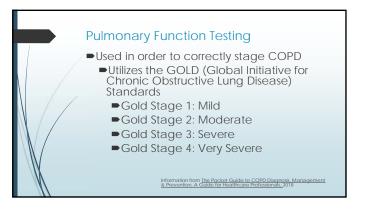
Redesign the Inpatient Stay

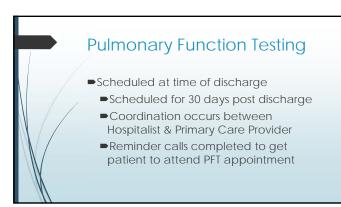
Standardization of Care Medication Reconciliation Inhaler Assessment & Education Utilization of Ancillary Services (OT, Speech) Comprehensive Discharge Planning Continuous Follow Up after Discharge for 1 year





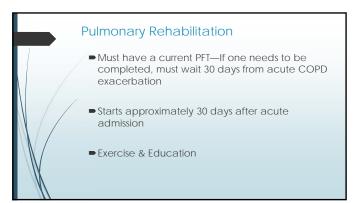






Speech Pathology's Role

- Evaluate patient for silent aspiration
- Educate patient on proper eating position
- Educate patient on breathing/swallowing coordination
- Referral to outpatient modified barium swallow if bedside swallow shows high possibility of aspiration during eating



Occupational Therapy

Bridges the GAP

Discharge to Pulmonary Rehabilitation

Need a Pulmonary Function Test prior to starting Pulmonary Rehabilitation

Need 30 days between acute exacerbation & Pulmonary Function Testing

Occupational Therapy

- Evaluation of Functional Abilities
- Creates a program with a focus on:
- Symptom management
- Energy Conservation
- 4-8 treatment sessions only



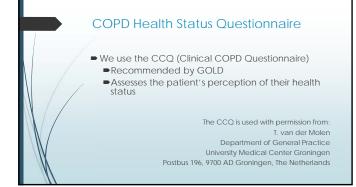


COPD Discharge Order Set

charge Activity

Swallow Evaluation Medication Reconciliation

- Demonstration of Proper Inhaler Technique & Training with In-check Dial
- Smoking cessation & counseling Influenza immunization: Date_____
- Pneumovax 23: Date_____
- Outpatient Occupational Therapy Ordered
- Outpatient Pulmonary Function Test Ordered Outpatient Pulmonary Rehabilitation Ordered



CCQ

- 10 Questions
- Focuses on the physical, functional & emotional components of life
- Answers are on a scale of 0 (never) to 5 (almost all the time) OR 0 (not limited at all) to 5 (totally limited)
- Responses are based on how the patient has felt over the last 24 hours
- CCQ is completed at Discharge, 2 weeks, 6 weeks, 3, 6, 9 & 12 months
- Any significant change in scores indicates a risk for re-admission

CCQ

- 1. Short of breath while at rest?
- 2. Short of breath while doing physical activities?
- 3. Concerned about getting a cold or your breathing getting worse?
- 4. Depressed because of your breathing problems?
- 5. Did you cough (in the last 24 hours)?
- 6. Did you produce sputum (in the last 24 hours)?
- 7. How limited were you with strenuous physical activities?
- 8. How limited were you with moderate physical activities?
- 9. How limited were you with daily activities at home?
 10.How limited were you with social activities?



30-Day Re-admission Rates:

Patients admitted with COPD & declined to participate in the BBBL program: 16%

Patients admitted with COPD & participated in the BBBL program: 11%

Conclusions

COPD requires a comprehensive management plan that the patient is actively involved in for the patient to be successful with managing their disease, especially during times in transitions of care.

