

QI Initiatives in the Pulmonary Ambulatory Service

The Problem:

To date, there have been relatively few Quality Improvement and Patient Safety metrics relevant to ambulatory pulmonary and sleep medicine published in the medical literature.

Aim/Goal:

To develop a comprehensive QI program for the Pulmonary Ambulatory Service and the Sleep Medicine Clinic.

The Team:

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The Interventions:

- o Worked with faculty leaders to develop metrics for the Pulmonary and Sleep Medicine QI Program;
- o Designed a database and an electronic dashboard for data collection and presentation;
- o Reviewed electronic medical records;
- o Used Individual score cards to report clinicians' performance
- o Provided quarterly feedback to physicians on their individual performance compared to the performance of the group.

The Measures:

Pulmonary Medicine : A) Appropriate and timely follow up on chest CT scan results, as well as results of methacholine challenges and cardiopulmonary exercise tests; B) Documentation of smoking history and smoking cessation counseling; C) Prescriptions for inhaled corticosteroids in our asthma population; D) Assessing the quality of care in our COPD population, according to the GOLD guidelines.

Sleep Medicine: A) Timely scoring and interpretation of all polysomnography studies with documentation of follow up plan and notification of referring providers for patients with significant abnormalities

found on their testing; B) Documentation of appropriate counseling regarding "drowsy driving" for all patients with hypersomnolence; C) Documentation of "in home effectiveness" and patient compliance with CPAP treatment for all patients with sleep disordered breathing

Examples of Results to Date:

