



Improving Comprehensive Asthma Care in the PCMH

Small Group QI Project (1-10) physicians-Completed project

* **QI Project Title (a brief title for your project)** *Better Otis Management at 123 Pediatrics*

Improving comprehensive asthma care in the PCMH

* **Where do you work?**

Pediatric Medical Center

* **When did the project begin?**

Dates should be provided in mm/dd/yyyy format.

01/01/2010

* **When was the project completed or when was the most recent cycle of improvement finished? (if approved credit will be awarded on this date) Dates should be provided in mm/dd/yyyy format.**

01/01/2013

Quality Improvement Project Description

1

* **What problem (gap in quality) did the project address?**

e.g. Influenza vaccination rates in our practice were consistently lower than the national standard, resulting in an increased frequency of flu among our pediatric patients.

It is challenging to deliver comprehensive asthma care in the setting of academic patient center medical homes with large proportions of Latino children. It is known that access to care coordination and to practice based support and education can improve asthma outcomes, and known that community health workers are a proven means of increasing the use of these services. At the start of this project, few patients were receiving referrals to care coordination, few (5%) had documented asthma action plans, and none were being provided with practice based support and education from peers.

2

*** What did the project aim to accomplish?**

An aim statement should state a clear, quantified goal set within a specific time frame. It states what you tried to change, by how much, and by when. For more information about forming an aim statement, visit our [QI Guide](#).

A: What did you try to change?

e.g. We aimed to improve our practice's influenza vaccination rate

We aimed to increase delivery of comprehensive care and support for pediatric patients with asthma.

*** B: What was your improvement goal?**

e.g. Improving our rate to 85% compliance

Our short-term goal was to reach at least 250 families within the first year, with a longer-term goal of reaching all families who are able to benefit from the service.

*** C: What was the time frame for this to be accomplished?**

e.g. 9 months

We sought to achieve this change over a period of about 10 months (between 10/2013-05/2014)

3

*** List the measures used to evaluate progress.**

Measures are directly related to the aim statement, showing whether a project's changes are resulting in improvement.

Visit our [QI Guide](#) for information on choosing measures.

Example project: Improving Vaccination Compliance

Example Measures Table:

- **Measure Name:** Influenza vaccination compliance
- **Goal:** 85%
- **Unit of Measurement:** Rate of compliance status
- **Data Source:** EHR
- **Collection Frequency:** Monthly

Click "Add a Row" below to describe each measure used in your project.

Measure Name: Families receiving practice based education and support

Goal: 250 within the first year, increasing thereafter

Unit of Measurement: Patients/Families

Data Source: Point of Care

Collection Frequency: Continuous

Measure Name: Referrals to care coordination

Goal: 250 within the first year, increasing thereafter **Unit of Measurement:** Referral Event

Data Source: Point of Care

Collection Frequency: Continuous

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* What interventions or changes were made?

e.g. Education for our clinical staff on importance of this vaccine, added compliance check in patient's EHR, utilized pamphlets on this vaccine in well patient visits.

The primary intervention was the introduction of Community Health Workers into the PCMHs. This process required multiple meetings with staff to discuss their role, development of an "asthma 101" handout tool for CHW use and to be shared with the providers, and the implementation process. Changes were made such as adjusting CHW schedules to work with a variety of providers, and changing from the Asthma 101 data form to the development of a templated note in the EHR.

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* Attach the project's de-identified aggregate data over time.

There must be at least 3 points of measurement. Up to 3 files may be uploaded. Visit our [QI Guide](#) for examples of data reported over time.

Graphical_Project_Data_Over_Time.JPG

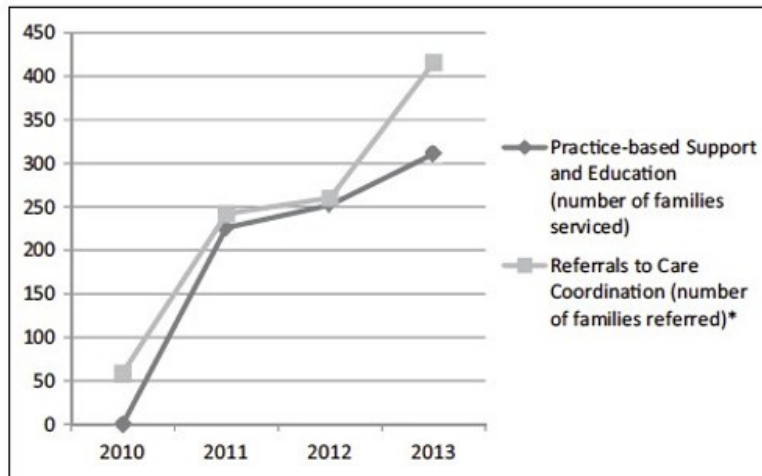


Figure I. Community health worker outcomes in the patient-centered medical home: 2010-2013.

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Has your project been presented at a national scientific meeting or published in a journal?

Yes

Name of scientific meeting or publication.

[FULL REFERENCE WOULD BE LISTED HERE]

Name of scientific meeting or publication.

[FULL REFERENCE WOULD BE LISTED HERE]