



OPERATIONAL DEFINITION

MEASUREMENT: % asthma patients with sub-optimal control or confidence who receive self-management coaching according to the guideline algorithm.

I. Description and Rationale

This measure answers the question:

How many patients with sub-optimal control/confidence receive self-management coaching according to the guideline algorithm?

This measure allows us to determine the proportion of the patients who need and are receiving self-management coaching. There are two different groups who we have identified as needing self-management coaching. In the first group, "need" is determined by patients who have well or completely controlled asthma, based on provider assessment, but rate their confidence to manage their asthma below a 7 (on a 10-point scale), determined using the lower score between the parent and patient on the Parent Form and Teen Form, respectively. In the second group, "need" is determined by patients who are not well or completely controlled, based on provider assessment, and have been prescribed the correct controller medications at the previous visit, as identified by the provider at the time of visit.

II. Population Definition (Inclusions/Exclusions)

The patients included in this measure have to meet the following criteria:

- Have been diagnosed with asthma and seen in the Asthma Innovation Lab
- Are identified as an *Active* patient, meaning they have had a visit within the previous 13 months and are not designated (by us) as *Inactive* due to moving out of the city/state, etc.

III. Data Source(s)

Patients in the Asthma Innovation Lab Database queried with inventory of patients who are receiving self-management coaching.

IV. Sampling and Data Collection Plan

Data is collected once for every asthma patient at time of visit. See attached algorithm.

V. Calculation

Numerator: Number of patients who need and are receiving self-management coaching.

Denominator: Total number of patients who need self-management coaching.

VI. Analysis Plan and Frequency of Reporting

Analyze and report on a monthly basis, at beginning of next month for previous month. A run chart will be used to display the data.

VII. Reporting Venues

Results are reported on the Chronic Care Innovation Lab Monthly Project Report.

VIII. Limitations

IX. Experts/Resources

X. Revision History

Version	Primary Author(s)	Description of Version	Date Completed
Draft	S.Rechner		8/31/07



Asthma Algorithm