



OPERATIONAL DEFINITION

MEASUREMENT: % asthma patients with asthma-related ED visits or hospitalizations.

I. Description and Rationale

This measure answers the question:

How many patients have visited the ED or been hospitalized due to their asthma?

This measure quantifies Asthma Innovation Lab patients who have visited the ED or been hospitalized for asthma-related care. This measure only accounts for patients who were hospitalized at CCHMC or visited CCHMC's ED. Active patient who visited CCHMC's ED or were hospitalized at CCHMC within the previous month will be counted.

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)

Asthma Innovation Lab Database will be queried against eKids to determine if patients visited the ED or were hospitalized with asthma-related diagnosis.

IV. Sampling and Data Collection Plan

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

V. Calculation

Total Patients with Asthma-Related Diagnosis for ED Visit or Hospitalization:

Numerator: Number of patients with ED visits or hospitalizations with asthma-related diagnosis.

Denominator: Number of active patients in Asthma Innovation Lab Database.

Patients with asthma-related ED visit(s):

Numerator: Number of patients with asthma-related ED visit(s) within the previous month.

Denominator: Number of active patients in Database.

Patients with asthma-related hospitalization(s):

Numerator: Number of active patients with asthma-related hospitalization within the previous month.

Denominator: Number of patients in Database.

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
Initial	S.Rechner		8/9/07