



CHAT Asthma Education Key Driver Diagram

KEY DRIVERS

CHANGE STRATEGIES

Aim: To improve knowledge of quality improvement, asthma, and of the CHAT safety and quality collaborative intervention bundle among providers in the ED and Inpatient unit.

Goals:

1. To educate **90% of all permanent personnel** caring for asthmatic children in CHAT hospitals about QI and the CHAT safety and quality collaborative intervention bundle utilizing QI primer, data management, basic asthma EB/ pathway, and asthma best practices **by October - November 2013.**

2. To educate **50% of all transient personnel** caring for asthmatic children in CHAT hospitals about QI and the CHAT safety and quality collaborative intervention bundle utilizing QI primer, data management, basic asthma EB/ pathway, and asthma best practices **by December 2013 - January 2014.**

QI primer core knowledge

Data management knowledge

Basic asthma EB/ pathway knowledge

Asthma best practices knowledge

- All persons involved in the care of asthmatic children should be educated on the QI primer, data management, basic asthma EB/pathway and asthma-related best practices. Target personnel include:
 - Attendings and trainees
 - ED
 - IP
 - Pulmonary
 - A & I
 - Nurses
 - Respiratory therapists
 - Asthma educators
 - Pharmacists
 - Community providers
 - Social workers/ child life specialists/ care coordinators /care management for health plans
 - Outside rotators
- Ensure completion of educational modules
- More than one delivery method should be used for the education and may include (but not limited to):
 - MD's (attendings and learners)
 - Staff meetings
 - Grand rounds (to be used for reinforcement rather than initial education)
 - RN's /RT's
 - Unit councils
 - In person and online in-service (passive and active learning modalities)
 - Huddles
 - Training teams (for all clinicians)
 - "State of the Unit" to include clinicians across roles
 - Identify super educator(s) to reinforce the content of specific training to super users
 - Number of super educators will vary according to the size of the institution
 - Physician (s)
 - Nurse (s)
 - Nurse educator (s) to be supported by additional resources for areas with a high number of asthmatics
 - Respiratory technician (s)
 - A pharmacist
 - A social worker

- Determine acquisition of knowledge: pre-post assessment