

**IMPROVING SCHOOL AND MEDICAL HOME ASTHMA CARE
THROUGH
COORDINATED TRAINING AND ELECTRONIC LINKAGES**

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Background: Primary care providers lack capacity to monitor asthma and deliver education for self-care. Asthma Ready® Communities and Kansas City Quality Improvement Consortium combined efforts for a community project named Kansas City Teams Up for Asthma Control (KC TUAC) to deliver standardized asthma self-management education to students in three school districts in tandem with national asthma guideline training for health professionals in neighboring clinics, schools and hospitals.

Audience: This program was developed for use by school nurses in participating urban school districts (27,011 total children), as well as provider and staff at neighboring clinics (over 200 local primary care providers) and hospitals.

Educational Design and Approach: The program will track and integrate standardized education and asthma assessments to impact health care outcomes for underserved children. Children identified by school nurse assessments to have *very poorly controlled* or *not well controlled* may be referred to local trained providers, guiding these children back to their medical home. Data exchange linkages of assessments and administrative claims data will be used to coordinate patient care that aligns with the medical home model. A visual tool is being developed for providers to guide asthma care decisions based on these merged data streams called the **Asthma Control Monitor**. These linkages will be supported by a data exchange platform **Solutions for Quality Improvement (SQI)**, using tablet technology, which currently tracks improvement of patient health care and costs for select providers and hospitals in the region. With permission from the family, the primary care provider can request the school nurse to do asthma assessments at school to communicate with the family and provider. Improved communication between school nurses and primary care providers has the potential to improve care and management not only for asthma but other common pediatric conditions.