



University of Missouri Asthma Team

UNIVERSITY OF MISSOURI ASTHMA READY® TEAM

ABOUT US

Alliance Partner of the Missouri Asthma Prevention and Control Program

Since 2003 the University of Missouri has maintained a team of health care professionals and researchers to develop and implement innovative public health approaches to asthma care prevention and management. The team has built partnerships statewide with support and funding from organizations like the State of Missouri Asthma Prevention and Control Program, US Centers for Disease Control and Prevention, Missouri Foundation for Health and Health Care Foundation of Greater Kansas City. Members of the University of Missouri Asthma Ready® Team have played instrumental roles in creating effective evidence-based strategies for schools, clinics and hospitals. They also hold leadership positions in national and state organizations for asthma care and education. Today, the work of the University of Missouri Asthma Ready® Team is focused on four core initiatives:

OUR CORE INITIATIVES

AsthmaReady Schools

Asthma Ready® Schools: The aim of Asthma Ready® Schools is to enhance capabilities of school nurses and their districts to successfully manage asthma. Components include (1) multimedia education for asthma literacy at school and home, (2) school nurse training for performing National Asthma Education and Prevention Program Expert Panel Report 3 (EPR3) compliant asthma assessments, (3) distributing equipment for objective assessment of inhalation technique and airflow, (4) improving student self-care by teaching trigger avoidance, improved inhalation technique and adherence with inhaled corticosteroid (ICS) medication, (5) supporting and mentoring school nurses for the delivery of high quality asthma care (e.g., Missouri School Asthma Manual), (6) improving communication between parents, school nurses and primary care providers, and (7) recognizing schools that implement best practices for asthma management.

Medical Home Training & Improvement

Medical Home Training and Improvement: The team develops and provides services to enhance quality and efficiency of operations of primary care providers, especially medical homes. Online and in-person trainings seek to align decision-making, documentation (e.g., electronic medical records) and care management with EPR3 asthma guidelines. Quality improvement is promoted through the use of integrated systems for better care, better health and lower cost.

Risk Assessment Innovation

Risk Assessment Innovation: Risk Assessment involves the development and implementation of solutions that identify children with asthma who are at-risk for poor health outcomes. Components include (1) standardized assessments for use in clinical and community settings, (2) software for risk stratification, and (3) tools to improve care (e.g., claims data analysis, Drug Utilization Review (DUR), and utilization of an Asthma Control Monitor®).

Self-management Education Tool Resource

Self-management Education Tool Resource: For more than a decade, the team has been a national leader in the development of innovative tools for self-management education. Educational interventions for the home, school and clinic have been derived from IMPACT Asthma Kids®. This program is an evidence-based, interactive, multimedia self-management program for school age children. An innovative tool, My Asthma Control®, is under development to improve access to education in the primary care and school settings.

CONTACT US

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AsthmaReady
Schools

Self-management
Education Tool
Resource

Medical Home
Training &
Improvement

Risk Assessment
Innovation