

Pennsylvania Pediatric Asthma Control Program: Workflow Modifications Your Practice Can Implement to Help Improve Pediatric Asthma Management

The following list includes workflow modifications that can be implemented to help your practice and patients better manage pediatric asthma. We encourage you to partner with Quality Insights to implement at least one of the recommendations listed below. If you are not currently working with Quality Insights and would like assistance, please email [Robina Montague, RN](mailto:Robina.Montague@qinsights.com) or call **1.800.642.8686, Ext. 7814**.

Electronic Health Record (EHR) Actions



	Generate an EHR report of patients with asthma (J45.XX diagnosis code) to ensure an asthma diagnosis code is added to the Problem List. Explore EHR capabilities to add clinical decision support (CDS) alerts or prompts.
	Execute an EHR report of patients with asthma that have not had a wellness appointment or disease management appointment in the last six months. Perform outreach utilizing phone calls, text messaging, and/or patient portal to schedule a follow-up appointment for an asthma check.
	Review EHR dashboards to identify opportunities for asthma management in subsets of patients. Determine EHR capabilities for identification and reporting on priority populations (underserved) and disparities including positive responses to SDOH screening.
	Utilize EHR templates for Asthma Control Tests (ACT) and Asthma Action Plans (AAP). Update/review both at every visit and educate the patient.
	Evaluate and report social determinants of health (SDOH) ICD-10 codes. Partner with Quality Insights to mitigate barriers related to use of SDOH identification tools and ICD-10 coding.
	Implement a process for documenting all referrals (including specialist, AS-ME, and community-based organizations) in structured data fields or via non-EHR tracking method for monitoring of feedback and participation.

Protocol & Workflow Actions

	Review practice protocols with a focus on disparate populations for sharing and discussing asthma control and management among clinicians and providers.
	Develop an asthma office protocol that promotes current guidelines, AS-ME, medication adherence, healthy diet, physical activity, and promotion of lifestyle change programs.
	Implement annual staff training to review: 1) appropriate procedures for obtaining an accurate spirometry or peak flow reading, and 2) competency on teaching proper techniques for inhaler use with the teach-back method.

Practice & Clinical Solutions

Using the [2022 Pediatric Asthma Practice Education Module](#) as a guide:

	Utilize and share asthma inhaler instructional videos with patients (i.e. waiting room, patient portal, email, text messaging). Additional videos are also available.
	Share the asthma patient engagement videos (<i>English and Spanish</i>) from Quality Insights and PA DOH Asthma Control Program- Small Steps to Big Improvements Video : English and Spanish  English  Spanish
	Implement a Proactive Outpatient Asthma Monitoring Program. Identify a staff member who can act as an Asthma Champion and partner with Quality Insights Practice Transformation Specialist for resources.
	Promote apps, Bluetooth, and patient portals to improve childhood asthma control test (C-ACT) results reporting to clinicians by patients/parents and caregivers.
	Review capability and use of telehealth for the management of pediatric asthma.
	Identify and refer eligible patients to AS-ME as available in area and including, but not limited to: Supplemental Nutrition Assistance Program Education (SNAP-Ed) programs and Expanded Food and Nutrition Education Programs (EFNEP).
	Establish a closed-loop referral process with an AS-ME program. Partner with Quality Insights for a portal message or text campaign for referrals to program.
	Participate in an in-person or virtual presentation to learn more about American Lung Association Open Airways for Schools and/or Kickin' Asthma programs.

Patient Education Actions

	Share community resources with patients promoting CDC-approved programs for asthma self-management and education (i.e. American Lung Association Open Airways for Schools and Kickin' Asthma).
	Implement use of the Medication Adherence Estimator [®] and included Interpretation Guide to enhance medication adherence. Access Quality Insights 2022 Medication Adherence Practice Module for more information.
	Provide patient education on how to use inhalers .
	Create and review an Asthma Action Plan with patient, parent/caregiver.
	Start asthma education early by teaching younger children about their condition using age appropriate resources, such as Dusty The Asthma Goldfish and His Asthma Triggers Funbook .

This project was funded by the Pennsylvania Department of Health's Asthma Control Program. The Asthma Control Program is funded through a grant funded by the Centers for Disease Control and Prevention under SAP # 4100089296. Publication number PADOH-AS-092523