

VERMONT'S ASTHMA LEARNING COLLABORATIVE

A look at working on health care
delivery to one population of
patients

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ASTHMA LEARNING COLLABORATIVE

AIM:

- ▶ To improve adherence to evidence based guidelines in primary care management of asthma
- ▶ To utilize documentation tools to guide evidenced-based care



ASTHMA LEARNING COLLABORATIVE

- ▶ Each practice assembled a multi-disciplinary team
- ▶ Series of 3 all-day learning sessions over a 6 month time period
- ▶ Action periods between learning sessions including:
 - ▶ data collection
 - ▶ quality improvement projects
- ▶ Conference calls between learning sessions for monthly contact
- ▶ Each team assigned a facilitator

ASTHMA LEARNING COLLABORATIVE

Measures of Success:

- ▶ Baseline, manual retrospective record review of 10% of asthma panel or minimum of 50 records
- ▶ Random selection by counting every 10th patient from printout of asthma panel
- ▶ Second record review conducted in month 4 and recommended quarterly thereafter
- ▶ Tools and support provided for data collection, data entry and display

ASTHMA LEARNING COLLABORATIVE

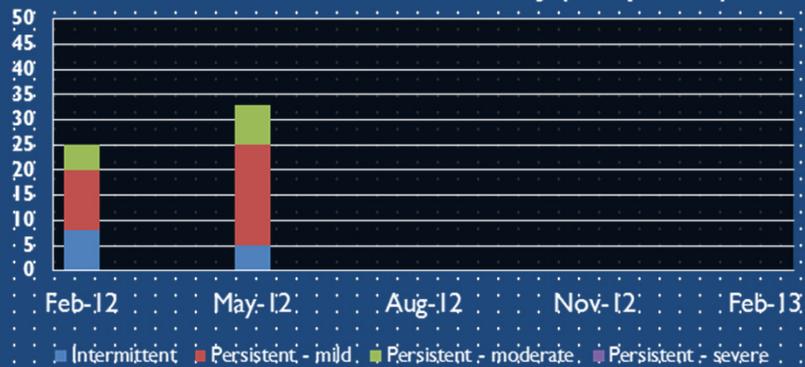
Shared Learning

- ▶ 2 collaboratives: 15 practices
- ▶ Peer presentations (at learning session #2 and #3)
 - ▶ Challenges, successes
 - ▶ “Dude, we all suck”
 - ▶ All improved !!!

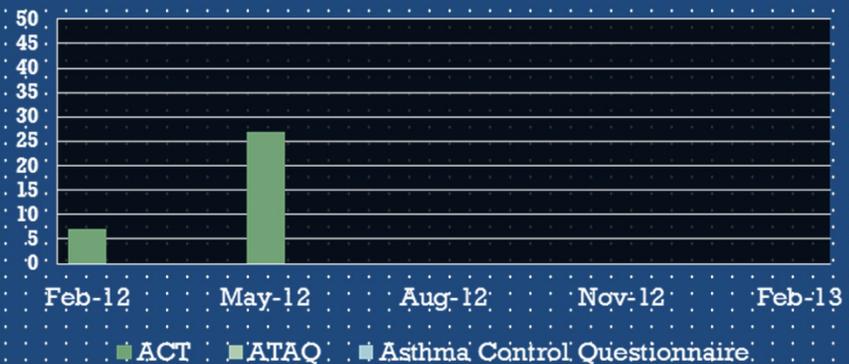


ASTHMA LEARNING COLLABORATIVE

Vermont Asthma Learning Collaborative 2013
Practice #1 - Pediatrics
Assessment of Severity (sample=50)



Vermont Asthma Collaborative 2013
Practice #1 - Pediatrics
Assessment of Control (sample =50)



Vermont Asthma Learning Collaborative 2013
Practice #1 - Pediatrics
Asthma Action Plan in Chart (sample=50)



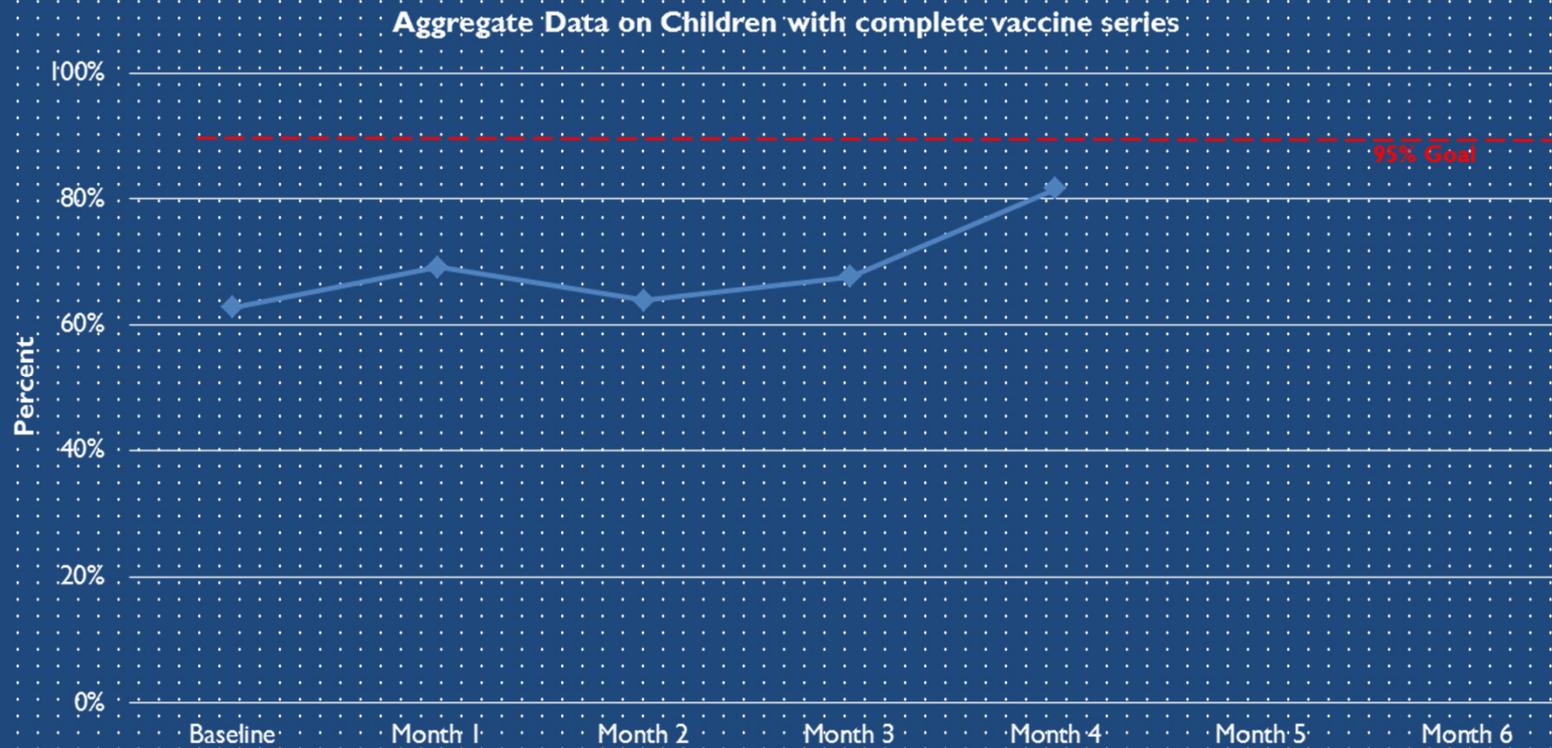
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Process/system changes that were made in primary care practices:

- ▶ Identify the asthma panel!
- ▶ Development of asthma visit templates
- ▶ Planned visits for asthma management
- ▶ Workflow redesign to include assessment of control and completion of asthma action plans
- ▶ More patients prescribed controller medications, based on severity
- ▶ Spirometry in office
- ▶ Asthma educator in practice

OTHER DATA PROJECTS

ANOTHER EXAMPLE: CHAMP IMMUNIZATION PROJECT



ONE MORE: CHITTENDEN COUNTY COLLABORATION

Measure/Practice	Practice A	Practice B	Practice C
30 months old UTD for DTaP # 4	93%	100%	88%
30 months old UTD for I lead test	99%	98%	97%
30 months old UTD for MCHAT screening	93%	96%	96%
Patients with dx of asthma with level of severity assessed	58%	96%	33%
Patients with dx of asthma with level of control assessed	0%	71%	13%
Patients with dx of asthma with asthma action plan documented in the last 12 months	6%	87%	41%