# VERMONT'S ASTHMA LEARNING COLLABORATIVE

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

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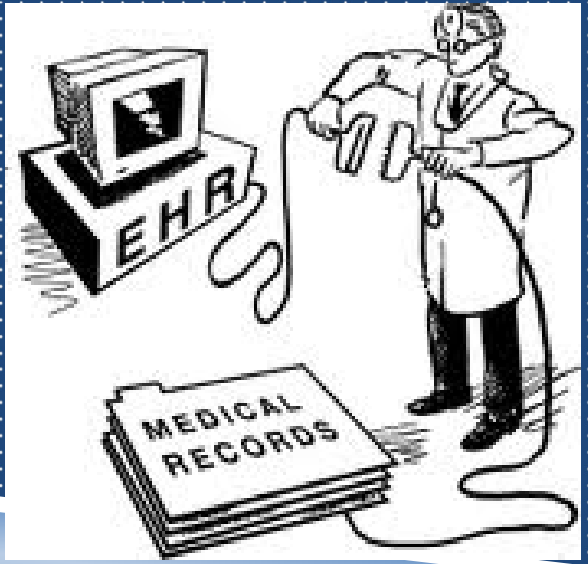
# ASTHMA LEARNING COLLABORATIVE

**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:**

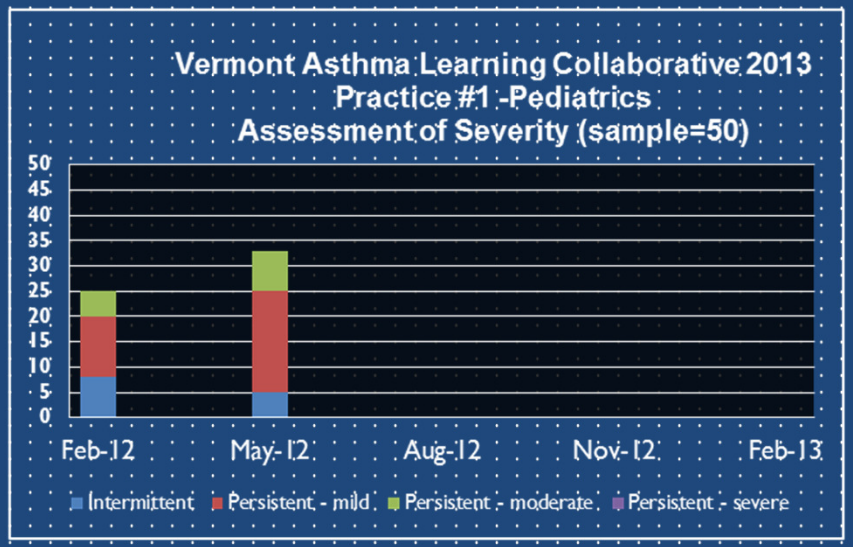
- Baseline, manual retrospective record review of 10% of asthma panel or minimum of 50 records
- Random selection by counting every 10th patient from printout of asthma panel
- Second record review conducted in month 4 and recommended quarterly thereafter
- Tools and support provided for data collection,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

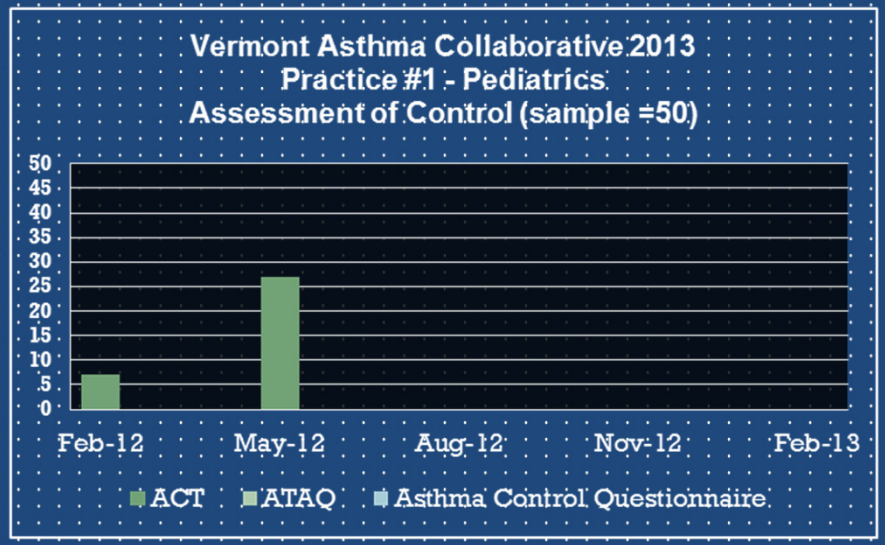
# ASTHMA LEARNING COLLABORATIVE

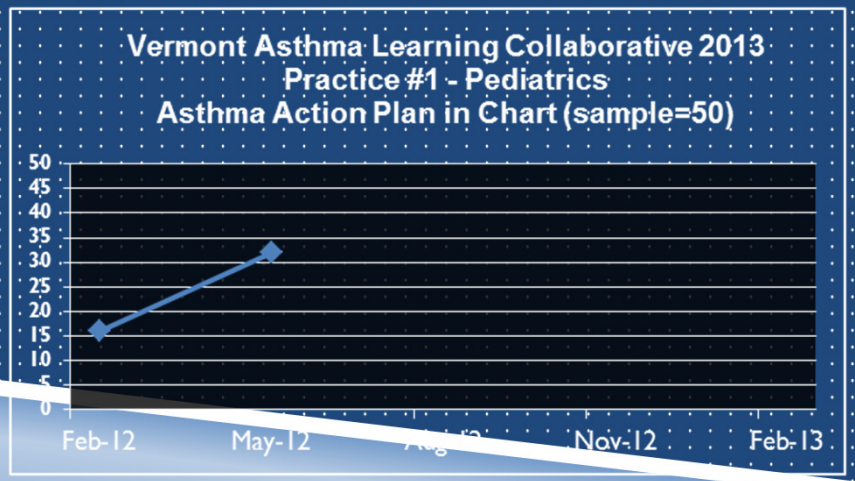
**Shared Learning**

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

# ASTHMA LEARNING COLLABORATIVE



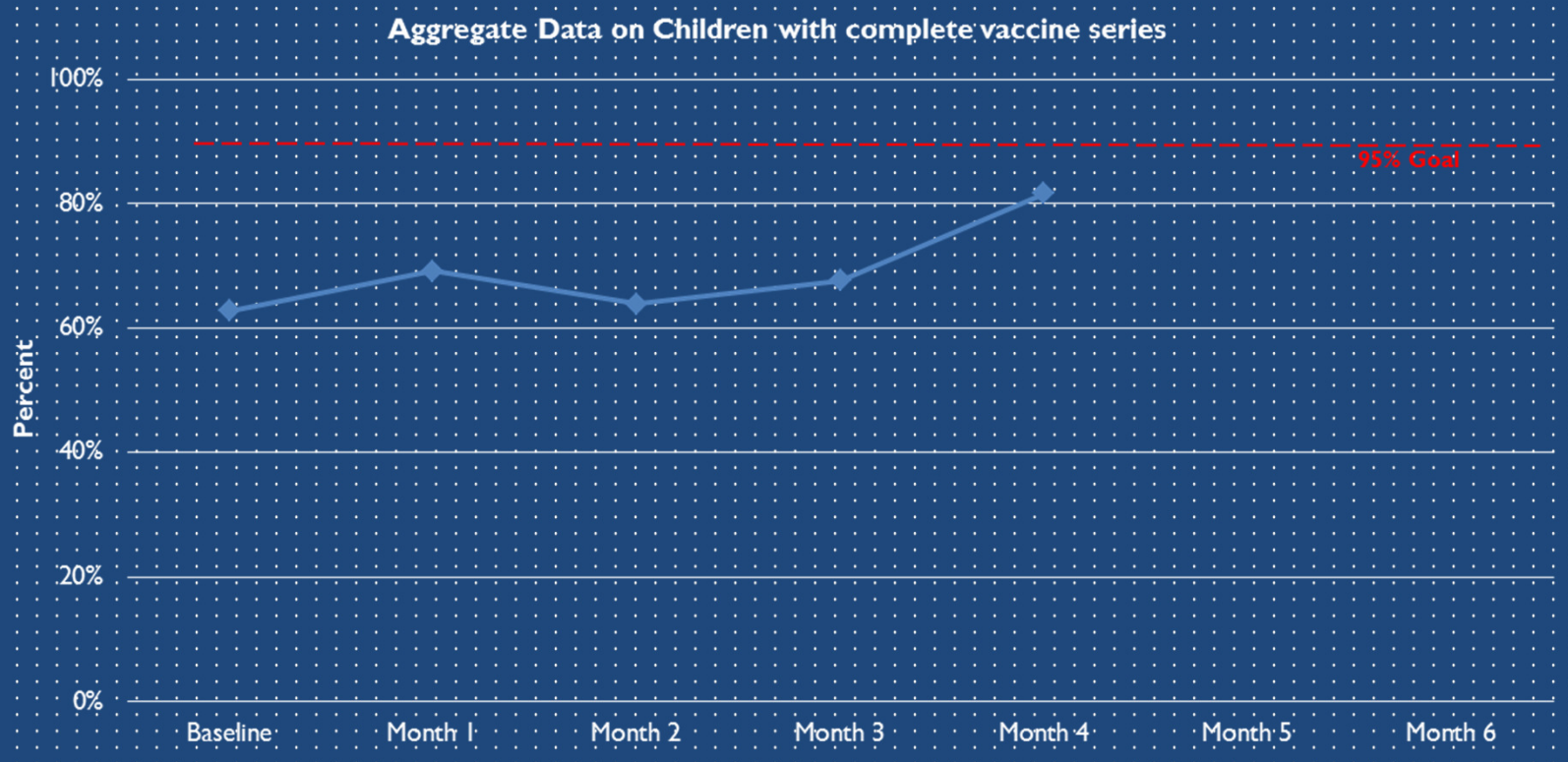
# ASTHMA LEARNING COLLABORATIVE

**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 1 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% |