

Title of Intervention: Community Asthma Prevention Program

Website: <http://www.chop.edu/consumer/jsp/division/service.jsp?id=77180>

Intervention Strategies: Group Education

Purpose of the Intervention: To increase knowledge of asthma and treatments and improve self-management

Population: Children with asthma and their parents

Setting: West Philadelphia community sites including schools, daycare centers and churches; community-based, school-based, faith-based

Partners: Host community sites

Intervention Description:

- Group Education: Participants attended five educational sessions throughout the community. The following topics were discussed: pathophysiology of asthma, environmental triggers and avoidance techniques, medications, asthma devices and psychosocial issues in asthma. .

Theory: Not mentioned

Resources Required:

- Staff/Volunteers: Educators
- Training: Educators received training
- Technology: Not mentioned
- Space: Meeting space
- Budget: Participant families received a \$15 gift certificate for a grocery store
- Intervention: Educational materials, incentives for attendance included mattress and pillow covers, peak flow meters and spacer devices
- Evaluation: Surveys, quiz

Evaluation:

- Design: Convenience sample, pre- and post-test
- Methods and Measures:
 - Asthma Knowledge Quiz
 - Controlling Asthma Survey Tool
 - Quality-of-Life Survey

Outcomes:

- Short Term Impact: Parental perceptions of asthma control and knowledge improved significantly.
- Long Term Impact: Quality of life scores improved significantly.

Maintenance: Not mentioned

Lessons Learned: Community Asthma Prevention Program (CAPP) has shown that asthma education can be effective for the inner-city parent if it is done in a community setting that encourages peer interaction. Asthma education can potentially become sustainable if the community is equipped with lay leaders.

Citation(s):

Bryant-Stephens T, Li Y. Community asthma education program for parents of urban asthmatic children. J Natl Med Assoc. Jul 2004;96(7):954-960.