

Research Assessment 12

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Subject: Effects of Asthma Education

MLA Citation:

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Winkelstein (2005) Rural Children with Asthma: Impact of a Parent and Child Asthma

Education Program, *Journal of Asthma*, 42:10, 813-821, DOI:

10.1080/02770900500369850

Assessment:

Because my final product concerns asthma education so heavily and I want a large array of sources on this, I wanted to get more information on this subject. Although I initially found this source just from searching up asthma education, it caught my eye as it concerned both the idea of managing pediatric asthma as well as doing so in rural areas. Once I read further into this article, I was shocked at how well this applied to what I've been doing throughout ISM for this whole year and how much I could take away from this.

One large thing that this article looked at was the implementation of an interactive asthma education program for children in rural areas. It mentioned educating children on the environmental impacts that may affect them, which is not a combination of topics that I've seen in previous articles. It is nice to see how my past research related to this. Although I didn't create an educational program, my kit had a lot of similarities with the one they describe, specifically in some of the materials which I described such as peak flow meters and spacers. There is also a similarity in that I have the educational aspect in my kit in the form of the asthma guide that I made. One thing that this article looked at in regards to implementation was that their program cost a little less than \$100 per kid that they used it on. However, they stated if this was performed by people such as PTA and school nurses, then costs will go way down. As I am not familiar with how much a program like this would cost, I would need to consult a professional about this. However, this does support my ideas on implementation in schools.

One thing that concerned me about this article was that it said that the program didn't improve the "quality of life" of the patients. However, it did say that the program helped especially with managing symptoms, and quality of life isn't often defined the same for different groups of people, so I don't think that this should be a major concern of mine. Another thing that didn't match up with my previous research was that it said that the use of an asthma action plan didn't help children drastically. Since this is one source, I would need to research more on this, but I still think it's a good idea to include it in my kit as it can help some people and is only a piece of paper, so I wouldn't have to worry about factors such as cost.

This article gave me a lot of information on how to complete my final product. The two largest takeaways that I got from it are regarding the implementation of my product and some ideas on how to tweak and change the placing of my kits in schools. Because this article was so closely related to what I am studying, it gave me a lot of confidence in my goal and reasonable ideas on how I can achieve them. I will make sure to discuss this with my mentor and get his

opinions on this. For the future, I will look even more into asthma education and the concrete role that it plays in my final product.