



Benefits of Community Involvement in Pediatric Asthma

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Abstract:

Today there are 6.2 million people under the age of 18 diagnosed with asthma. Nearly 50 percent of those children have at least one asthma attack every single year, requiring them to seek medical treatment. Not only do these children seek medical treatment annually for attacks, but asthma is the third-ranking origin of hospitalization for those under 15 years of age. Asthma is the leading chronic disease in children today, and the number one reason for children to miss school. The Centers for Disease Control and Prevention, created a national asthma control program with goals to reduce the number of asthma related emergency room visits, missed school days, hospitalizations, and most importantly death. Various interventions were proven to show positive results within the community in regard to pediatric asthma. The Journal of Pediatric Nursing determined free community education on asthma, interactive asthma action plans, along with school hours management of asthma, improved asthma related symptoms, lessened emergency room visits, and reduced primary care appointments. A study by the University of Washington discusses the amount of time children spend away from home, as a key involvement on the importance of community-based asthma education.

Biography:

Rebecca Lynn Hicks is a pediatric nurse at University of California San Francisco (UCSF), Benioff Children's Hospital. Miss Hicks holds a BSN from Bellin College, Wisconsin and is pursuing her MSN at Maryville University, St. Louis, in the primary care pediatric nurse practitioner program. She has one year of experience prior in the trauma/surgical pediatric intensive care unit at a level I trauma center, as well as a previous year of pediatric case management, home health, with a continuous



background in various adult acute care floors. Rebecca has been actively involved in public/state nursing associations, including California and Wisconsin's nursing association and America's Nursing Association (ANA). This will be Miss Hicks' first abstract presentation, and she hopes to inspire greater community involvement in pediatric asthma education.

Publication of speakers:

1. Asthma Facts and Figures. (2019, June). Retrieved from <https://www.ncbi.nlm.nih.gov/pubmed>.
2. Controlling Asthma in Schools | CDC. (2018, May 15). Retrieved October 3, 2019, from https://www.cdc.gov/asthma/controlling_asthma_factsheet.html.
3. Isik, E., Fredland, N. M., & Freysteinson, W. M. (2019). School and community-based nurse-led asthma interventions for school-aged children and their parents: A systematic literature review. *Journal of Pediatric Nursing*, 44, 107-114. doi: 10.1016/j.pedn.2018.11.007
4. Khan, R., Maharaj, R., Seerattan, N., & Babwah, F. (2014). Effectiveness of personalized written asthma action plans in the management of children with partly controlled asthma in trinidad: A randomized controlled trial. *Journal of Tropical Pediatrics*, 60(1), 17-26. doi: 10.1093/tropej/fmt063

Webinar on Experts Meet On Gynecology and Womens Health

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