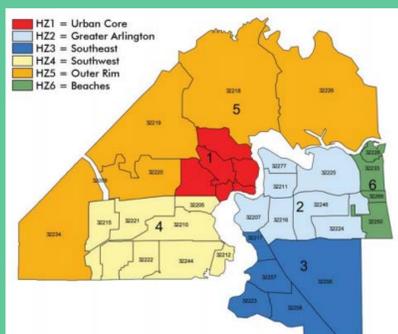


Quality Improvement Plan for Increasing Adolescent Immunization Rates

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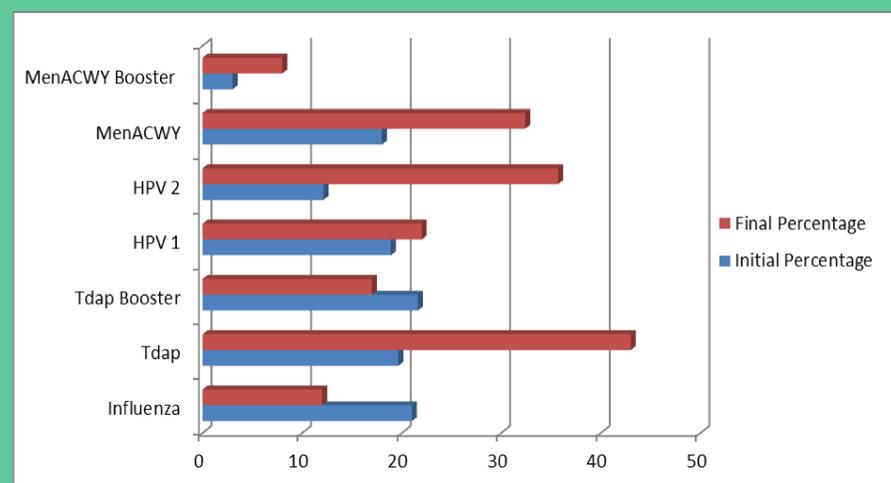
Introduction

As our family medicine clinic sits between two of the most impoverished health zones in Jacksonville, Florida we focused our QI project on improving our adolescent immunization rates to 75%. We worked on patient outreach strategies, education strategies and utilization of our EMR.



Results

We did not reach our overall goal of 75% immunizations rates, but we did improve the rates for all vaccines except Flu and Tdap Booster as seen on the graph to the right. Our facility ran out of the flu vaccine early and was unable to get more, likely leading to our large percentage drop in the flu vaccine.

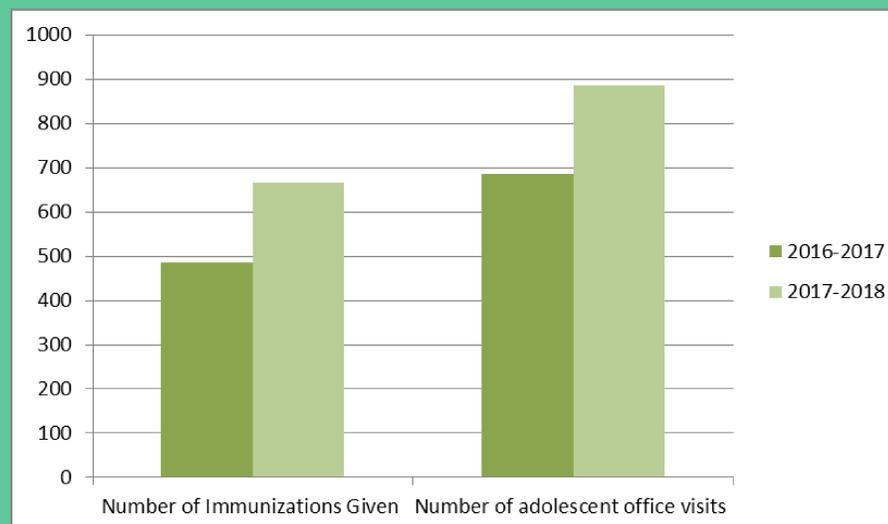


Best Practice Methods

- Individual chart review: Best way to get accurate data and not miss statistics
- EMR reach out: Easiest way to reach a large number of patients
- Collaboration: Involvement of staff, nurses, residents, attending physicians, IT staff and administration was the only way we were able to carry out such a large project
- EMR encounter plans: These work as a reminder, as a data collection tool and to ensure uniform ordering and delivery of the immunizations

Aims

- Primary goal: to improve our immunization rates to 75% from the rates below:
 - 21% for influenza
 - 19.65% for Tdap
 - 21.6% for Tdap Booster
 - 18.9% for HPV 1
 - 12.13% for HPV 2
 - 18% for MEN
 - 3% for MEN Booster
- Secondary goals: to educate our clinical staff, patients and residents and to create a sustainable project



As seen here to the left, we were able to increase the total number of immunizations given to our adolescent population by 181 vaccines and increase the total number of adolescent patients seen by 199 patients during our one year time period.

Funding

Support for this immunization award project was made possible by the AAFP Foundation through a grant from Pfizer Inc

Resources

- <https://colinpurrington.com/tips/poster-design/templates>
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- <https://kisjax.wordpress.com/health-zones/>

Methods

1. Focused on getting patients into clinic using EMR message reminders
2. In office education with waiting room video screens and paper handouts given to all 11-21 year olds
3. Educated our providers and staff on the project and immunization details so they could encourage vaccination
4. EMR templates remade for the adolescent wellness visit to include immunization order sets and prompts
5. Immunization recording system was updated by our nursing staff

Our project was possible with special thanks to other supporting attending physicians, Dr. Helena Karnani MD and Dr. Julie Kellogg MD along with our IT specialist Jill Walters and the Center for Health Equity and Quality Research (CHEQR) team at UF Health.