TH-7 Vaccine Champion: Working Together to Create Change

Purpose: Improve our vaccination rates in children, increase knowledge and comfort of vaccinations of all health care members of the team by incorporating a toolkit into the primary care office.

Background & Significance: Immunization of children has been a leading effort to reduce the morbidity and mortality of populations worldwide. In our health care system a high priority metric includes the recommended immunizations of children by age two as well as adolescent immunizations.

Design: Quality Improvement Project utilizing PDSA Framework
- Created a group of 69 vaccine champions.
- Group was divided into 8 subgroups including, safety, ordering, infant/child immunization, adolescent immunization, employee immunization, comfort, parent talking points and leadership.
- Each subgroup was lead by an APN.
- Toolkit was created based on the resources obtained from each subgroup.
- Pilot sites were selected based on COMBO 10 metrics, size of practice and demographics to have a cross section of the community at large.
- Survey was sent to all vaccine champions.
- Survey was sent to pilot site caregivers.

Findings: Survey to vaccine champion group showed areas of opportunity include knowledge of department metrics, comfort techniques in delivery of vaccines, knowledge of adolescent and infant/child immunizations and leading efforts in the department.
- The pilot sites are in the process of reviewing metrics and developing processes to use the toolkit for their specific site and population.

Clinical Implications
- By engaging caregivers in a variety of roles and settings a team approach can be developed to improve delivery of vaccinations.

Question: Can vaccine champions in a primary care office utilizing a toolkit improve the knowledge and comfort level of vaccines for caregivers.

No funding

Cheryl Cairns DNP CPNP RN
Jennifer Hovest MSN CPNP-PC, CFNP
Jennifer Dodson MSN FNP – BC
Jane Hartman MSN RN PNP-BC
Allyson Talbert May ND CPNP RN
Crista Zufan MSN, FNP-BC
Jennifer Brubaker PhD FNP-BC
Katie Creager MSN CPNP
Cleveland Clinic Children’s Community Pediatrics
Cleveland, Ohio
ABSTRACT

Purpose:
Improve our vaccination rates in children, to increase knowledge and comfort of vaccinations of all health care members of the team by incorporating a toolkit into the primary care office.

Objectives:
- To create a group of caregivers who are champions for vaccination of children
- To educate champions to be leaders at their practice site for vaccination of children
- To create a toolkit for caregivers for quick access to information and guidance on vaccination of children
- To improve our quality metrics on vaccination of children
- To improve the vaccine experience for patients and caregivers.

Background & Significance:
Immunization of children has been a leading effort to reduce the morbidity and mortality of populations worldwide. In our health care system a high priority metric includes the recommended immunizations of children by age two as well as adolescent immunizations.

Design:
Quality Improvement Project utilizing PDSA Framework

Sample & Setting:
- Pediatric and Family Practice ambulatory practice sites within a large health care organization
- Sample group included 69 vaccine champions and four pilot sites.

Methods/measures:
- Created a group of 69 vaccine champions.
- Group was divided into 8 subgroups including, safety, ordering, infant/child immunization, adolescent immunization, employee immunization, comfort, parent talking points and leadership.
- Advance Practice Nurse lead each subgroup which met together to gather resources.
- Toolkit was created based on the resources.
- Pilot sites were selected based on COMBO 10 metrics, size of practice and demographics to have a cross section of the community at large
- Survey was sent to all vaccine champions
- Survey was sent to pilot site caregivers

Findings:
- The survey to vaccine champion group showed areas of opportunity include knowledge of department metrics, comfort techniques in delivery of vaccines, knowledge of adolescent and infant/child immunizations and leading efforts in the department.
- The pilot sites are in the process of reviewing metrics and developing processes to use the toolkit for their specific site and population.

Implications:
- By engaging caregivers in a variety of roles and settings a team approach can be developed to improve delivery of vaccinations.

RESULTS

- Out of the 69 caregivers sent a survey 44 responded
- 42% RN, 14%, 32% MA, 12% other
- Comfort Level with administration of vaccines showed 97% comfortable
- Comfort Level with discussing vaccines with parents showed 83% comfortable
- Comfort Level with discussing vaccines with providers showed 93% comfortable
- Comfort Level with leading efforts in their department showed 77% comfortable
- Knowledge Level of Infant/Childhood Vaccines showed 63% knowledgeable
- Knowledge of Adolescent Vaccines showed 65% knowledgeable
- Knowledge of locating resources for vaccine information showed 75% knowledgeable
- Knowledge of comfort techniques for vaccine administration showed 65%
- Knowledge of department metrics for vaccines showed 50%
- Survey results from pilot sites has not been completed at this time

LIMITATIONS

- Vaccine Champion group was self selected
- Survey for data collection was not a validated tool
- Time restraints

CONCLUSIONS

Empowerment of all level of caregivers using a team approach, by the use of a vaccine champion project can improve the process and metrics of vaccination for pediatric patients in a primary care office

REFERENCE

http://www.4pillartoolkit.pitt.edu/
https://www.cdc.gov/vaccines/index.html
http://www.ihi.org/resources/Pages/HowtoImprove/default.aspx