Introduction & Background

- Approximately 56% of pediatric patients in the United States are behind on WCVs.
- Only 6 in 10 children receive a WCV annually.
- On average children will miss 30% to 50% of their routine visits.
- Well Child Visits (WCVs) are integral in providing the pediatric population with medical screening examinations, vaccinations, and health promotion.
- Provide opportunity for early identification of developmental, behavioral, psychosocial, and other health issues.
- Health inequity has resulted in higher mortality rates in children living in rural counties when compared to their urban peers.
- Many guardians are not aware of the frequency or benefit of WCVs.

Purpose & Aims

Purpose: Improve attendance to WCV and adherence to routine childhood immunizations.

- Aim 1: Compare the impact of guardian perspectives on attendance to WCV and immunization rates in patients that are current and those that are behind.
- Aim 2: Determine the effect of a 12-week evidence-based guideline project on the improvement of attendance to WCV by contacting guardians to schedule an appointment.
- Aim 3: Determine the effect of a 12-week evidence-based guideline project on the improvement of routine vaccination compliance rates by contacting guardians to schedule an appointment.

Intervention

Telephonic communication to contact guardians

Methods

Design: 12-week pre/post design
Setting: Rural health family practice in the Midwest
Sample: Guardians surveyed (n=44) of patients ages 0-12, 174 charts selected
Intervention: Telephonic communication to contact guardians
Data Collection: Protocol for responding to and assessing patient assets, risks and experiences (PRAPARE), Parents Attitudes about childhood vaccination (PACV-15), Health literacy instrument for adults (HELIA), Chart review
Analysis: Descriptive statistics

Results

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Results cont.

Aim 2
Distribution of pre and post implementation scores

Aim 3
Distribution of pre and post implementation scores

Discussion and Conclusion

- This QI project was found to be statistically significant in improving rates of wellness visits and immunizations.
- Telephonic communication can play a pivotal role in improving attendance to and outcomes of WCVs in the pediatric population.