Accelerating HPV Vaccine Compliance with the Usage of MyLVHN Patient Portal.

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Accelerating HPV Vaccine Compliance with the Usage of MyLVHN Patient Portal

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INTRODUCTION

HPV vaccine compliance has been a topic of controversy within many pediatric offices across the country. Majority of parents have concerns regarding the efficacy, safety, cost, and reason for vaccination; and in many cases there is not enough time for physicians to effectively educate them during well visits. When baseline data was collected at one LVHN office, it was found that the vaccination rates collectively (50.7%) were below the national average (girls: 63%, boys: 50%), which was collected by the CDC.

METHODS

- Patients 12 to 16 years of age who had previously declined the HPV vaccine were considered eligible for this study.
- Study took place at one LVHN pediatric office, which consisted of six pediatricians, from October to November of 2016.
- The means of communication was set to use MyLVHN, which is a secure online portal that allows parents/children to communicate with their medical team.
- Eligible patients were called to either verify their use of MyLVHN if already active, or to facilitate activation over the phone.
- Parents or guardians who accepted this means of communication were told to expect a message in the next 1-2 weeks regarding the HPV vaccine. This message included an informational video, CDC facts regarding the vaccine, and other sites to do more research if inclined. Using a secure online communication network would allow them to review and do their own research prior to making the decision to vaccinate.

Exclusion Criteria:

- Any patient who started or completed the HPV vaccination series or was older than 16 years of age.

Of the 60 eligible patients aged 12-16 years of age, 26 of them already had or were agreeable to sign up for MyLVHN. At the end of the study, 76.2% of the patients received the HPV vaccine which was a 25.5% increase in vaccine compliance from baseline data collected at this office.

RESULTS

CONCLUSION

The implementation of MyLVHN as a mode of communication to educate and inform parents prior to well visits increased compliance to the HPV vaccine by 25.5% over the eight week study period.

OBJECTIVES:

- Increase the vaccination rates of the HPV vaccine during an 8 week period at one LVHN pediatric office.

Figure 1: Baseline data collected from same LVHN office for 4 weeks prior to the study found HPV vaccine compliance at 50.7%, for all teens (20 of 32 eligible patients) which was below the national average.

Figure 2: After the implementation of communicated via MyLVHN prior to well visit, vaccination rates increased to 76.2% for all eligible teens (16 of 21 patients).

References: