Indiana’s Immunization Portal: MyVaxIndiana

<Community Information>

**Partners Involved:** Indiana State Department of Health, Office of the National Coordinator for Health IT (ONC), Local Health Departments, School Nurses statewide, Physicians statewide, Microsoft, State Medical Associations

**Description of the Integration:** The MyVaxIndiana Immunization portal provides citizens and providers 24/7 access to valid immunization records. The portal provides vaccine history, vaccine schedules, and the ability to print, email, download, fax, or mail a copy of the record to the citizen. The key benefit of this system is the instant access to the immunization records and vaccine schedules to individuals, parents, or guardian, and the availability of the application via the web, Apple and Android mobile devices has proven to be a real benefit to individuals. It created a self-service avenue to allow consumers to request immunization information. MyVaxIndiana was written in VB.Net and has a connection to the existing CHIRP Oracle database for the vaccine history, along with a separate Database for security and application logging. Key Partners:

**Physicians:**
- Emails from Health Commissioner
- Interactive Webinars open to all physicians in state

**Associations:**
- Indiana State Medical Association newsletter article
- Indiana State Hospital Association newsletter article

**Local Health Departments:**
- Interactive Webinar open to all physicians in state
- Presentation to LHD on monthly webcast, continued reiteration thereafter
- Newsletter article in the Health Officer newsletters

**School Nurses:** Communications directly from Dept. of Education

**Resources Required:** Federal Grant from (ONC) Consumer Innovation Challenge.

**Results:** Over 30,300 PINs have been issued to access MyVaxIndiana and close to 30,000 immunization records have been viewed, printed or electronically stored.

**Key Elements for Success:** Making MyVaxIndiana a secure website that consumers can use to access their immunization history was top priority of our Agency. We have empowered consumers to be an active participate in delivery of health care not only to their children but themselves and at the same time ensuring that we have the right security protections in place to gain and maintain their trust. Application security begins with the process to receive a PIN. Individuals will receive their PIN from their medical provider or local health department. This allows for a direct contact to the consumer and ensure the right person is receiving access. Once the PIN has been issued, the MyVaxIndiana application security will be the next step to secure the patient information. Each time a record is requested, MyVaxIndiana will create a real-time query to CHIRP to obtain the current vaccine history, the history is not stored locally in MyVaxIndiana but a second database. The query is a secure connection from MyVaxIndiana to the CHIRP database, the two systems are able to function independently, and accessing a vaccine history is only possible through consumer PIN submission.

**Lessons Learned:** The greatest Lesson Learned was the value of partnership, working with private providers, local health departments, medical associations, school nurses and incorporating their input, as a result MyVaxIndiana is very user friendly. The medical providers can generate a PIN for their patient with one click. And also deliver a MyVaxIndiana Guide for the patient to acquire their information. Once the user logs-in their immunization records are readily available to print, email, fax or download.

**Movement on the Integration Scale:** Start: Mutual Awareness ; Finish: Partnership ; Desired: Merger
Website Links:
https://myvaxindiana.in.gov/
http://www.healthit.gov/buzz-blog/state-hie/access-to-immunization-records/

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