

**REPORT OF THE
DEPARTMENT OF HEALTH**

**Progress Report on a
Pilot Project Connecting
Public Health Providers to
Carilion Health System's
Electronic Health Record (EHR)**

**TO THE GOVERNOR AND
THE GENERAL ASSEMBLY OF VIRGINIA**



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Pilot Project Expansion

I. Participating Site Expansion:

Virginia Department of Health (VDH) and Carilion have previously collaborated on a pilot project that allows VDH authorized staff in the Roanoke City Health Department and the Montgomery County Health Department to access electronic records from consenting Carilion patients via a web-based provider portal. Throughout the expansion, additional clinics in Southwestern Virginia are being added to the project. Initial expansion will include the cities of Salem and Radford and the counties of Floyd, Giles, and Pulaski. A high-level project plan is as follows:

Project Phase	Estimated Duration	Start	Finish
Project Planning	1 Month	September 1	October 1
Initial Staff Training	1 Month	October 23	November 22
Staff Authentication & Implementation	1/2 Month	December 1	December 15
Concurrent Utilization Review	6 Months	January 2	June 30
Project Review & Enhancement Plan	2 Weeks	Month 8	Month 8

VDH Responsibilities

- Assign VDH staff training resources
- Authenticate appropriate users
- Review role-based access by clinic sites
- Conduct necessary patient education and retain patient authorizations

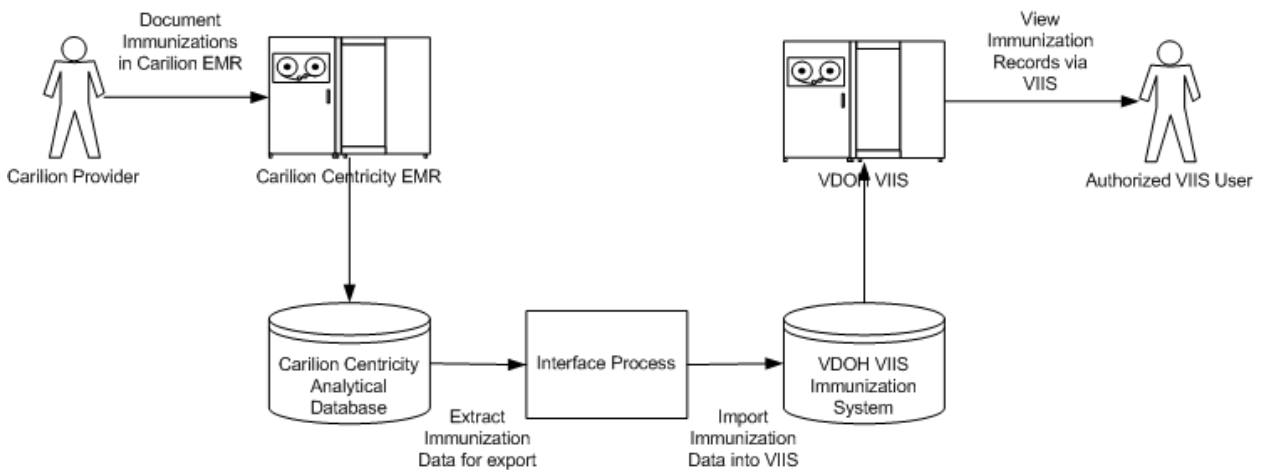
Carilion Responsibilities

- Assign staff training responsibilities
- Issue I.Ds and passwords
- Monitor usage and follow-up with VDH clinics
- Provide ongoing support for CarePort utilization

II. Immunization Data Exchange Project

The Immunization Data Exchange Project has been initiated in an effort to support the timely administration of pediatric immunizations and reduce the number of duplicative immunizations delivered within the area. Carilion is developing an electronic interface to the newly developing VDH Virginia Immunization Information System (VIIS). This will allow for the mutual sharing of immunization administration histories for children treated within the VDH clinic system and the Carilion Health System.

The diagram below is a conceptual depiction of the data flow of immunization records between the Carilion Electronic Medical Record (EMR) system and the VDH VIIS system.



A high-level project plan is as follows:

Project Phase	Estimated Duration	Start	Finish
Project Planning & Test Data Transfer	2 Months	October 1	November 30
Detailed Design	2 Months	December 1	January 31
Coding and Testing	3 Months	February 1	April 30
Implementation	1 Month	May 1	May 31
Post-Project Review	2 Weeks	June 1	June 15

VDH Responsibilities

- Assign VDH Division of Immunization resources
- Provide technical specification for VIIS interface formats
- Review detailed project plan and coordinate activities directly with system vendor
- Participate in testing of transmission of immunization data to VDH VIIS
- Perform day-to-day maintenance of interface (VIIS only)

Carilion Responsibilities

- Assign Carilion resources
- Develop detailed project plan
- Coordinate project resources
- Develop transaction formats
- Extract immunization data from Carilion EMR
- Test transmission of immunization data to VDH VIIS
- Perform day-to-day maintenance of interface (Carilion aspects)

Summary

The initial success of this pilot project and its subsequent expansion is due in large part to the high level of commitment throughout each organization to healthcare improvements for the citizens of the Commonwealth. Future expansions look towards increasing the electronic sharing of additional types of health information, expanding the number of sharing partners and increasing the visibility of the project as a model for other communities, both within and outside of the Commonwealth.