

Merlin Calls the SHOTS Interoperability Best Practice

Florida Division of Disease Control and Health Protection AITT Team

Project Overview



Merlin users choose the best match in Florida SHOTS.

** Current information retrieved from Florida SHOTS. **

Patients

SSN	Patient Name	Date of Birth	Address	Phone	Gender	Race
██████	☒ ██████	██████	████████████████████	██████	MALE	WHITE
██████	☐ ██████	██████	████████████████████	██████	MALE	WHITE

Remove Immunization ID

Vaccination data are available at the profile level.

Profile Summary

Name: [REDACTED] ☐ Unknown
SSN: [REDACTED]
Address: [REDACTED] Phone: [REDACTED]
Date of Birth: [REDACTED]
County at Time of Diagnosis: [REDACTED]
Phone: [REDACTED] Gender: FEMALE Race: WHITE

*** Current information retrieved from Florida SHOTS. ***

Patients

SSN	Patient Name	Date of Birth	Address	Phone	Gender	Race
[REDACTED]	☒ [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	FEMALE	WHITE

Save Immunization ID

Vaccine History

Immunization ID: [REDACTED]

Series Name: VZV				Series Status: Complete			
Vaccine Type	Date Given	Injection Route	Manufacturer	Lot Number	Dose Number	Dose Validity	Reason Code
VZV	05/30/2012		Merck and Co., Inc.	1145AA	1	Y	
MMRV	06/23/2015				2	Y	

Series Name: DIPHTHERIA				Series Status:			
Vaccine Type	Date Given	Injection Route	Manufacturer	Lot Number	Dose Number	Dose Validity	Reason Code
PEDIARIX	07/27/2011		GlaxoSmithKline	AC21B285FB	1	Y	
PEDIARIX	09/28/2011		GlaxoSmithKline	AC21B305BA	2	Y	
PEDIARIX	11/29/2011		GlaxoSmithKline	AC21B315EA	3	Y	
DTAP	08/30/2012		Sanofi Pasteur	C4211AA	4	Y	
DTAP-IPV	06/23/2015				5	Y	

Only relevant vaccines are displayed in the extended data.

Vaccination History

1. Has the case ever received any doses of vaccine (either documented or self-reported)?

Yes ▼

2. If case was not vaccinated, what was the reason?

▼

If other, please specify:

As a reminder, case is recommended age for vaccine

Florida SHOTS Vaccine History for this disease

Series Name: VZV				Series Status: Complete			
Vaccine Type	Date Given	Injection Route	Manufacturer	Lot Number	Dose Number	Dose Validity	Reason Code
MMRV	11/15/2011				1	Y	
VZV	11/25/2014	SUBCUTANEOUS	Merck and Co., Inc.	J001178	2	Y	

Additional vaccinations can be entered into Merlin.

Merlin Vaccine History

	Vaccine Type	Date Given	Manufacturer	Lot Number	Dose Number
☐	VZV - 90716	10/10/2012			1
☐	MMRV - 90710	12/08/2015	Merck & Co., Inc.	l030591	2

Delete

Add

Calculated fields store vaccine information in Merlin.

General Questions

3. Has the case ever received any documented doses of vaccine?

Yes ▼

Auto-fill

a. Number of documented doses of vaccine prior to illness onset: 05/08/2019

2

b. Date of last documented vaccine dose prior to illness onset: 05/08/2019

11/25/2014

4. Does the case (or case's parent/guardian) report receiving any doses of vaccine for which they do not have documentation?

No ▼

Based on the case's age, they were most likely vaccinated as part of the United States' routine vaccination schedule

5. Case reports receiving:

▼

Source of vaccination information:

Documented

Successes

- Established the importance of having a connection between immunization and disease data
- Improved Merlin capabilities to capture and store data
- Improved relationship between immunizations and surveillance sections

Challenges

- Matching with Florida SHOTS
- Multiple profiles in Florida SHOTS
- Message mapping guides and CDC reporting

Thank you!

Florida Division of Disease Control and Health Protection Team
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