



# CERNER FLASH

## Pilot Phase- MCIR Bi-Directional Immunization Registry/ Import Button Added to Immunization Component

9/13/2019

Beginning on 9/13/19, Okemos CMC(LN43), Grand Ledge(LN47), and MGL Primary Care(LN40) will pilot functionality to query the Michigan Care Improvement Registry (**MCIR**) to bring historical immunization data into Cerner Powerchart.

### Purpose:

1. To provide more accurate immunization forecasting, historical immunization information documented in MCIR can be added to the patient's Cerner Powerchart record.
2. Importing historical immunizations from a state registry eliminates the need to hand-enter historical immunizations in Cerner that the patient received elsewhere (*pharmacy, health dept, non-McLaren physician, etc*).
3. A bi-directional immunization registry connection is a CMS regulatory requirement for 2019.

**Impact:** Users will see an **Import** button on the Immunizations component that allows for this functionality:

As Okemos CMC, Grand Ledge, and MGL Primary Care will be piloting the program, the Import button will not function for any users outside of these locations. Upon successful completion of the pilot program, the functionality and corresponding training will be rolled-out to the remaining MMG sites (schedule TBD).

*\*Note- Clinics that are not established to send immunizations to MCIR are not eligible for the query functionality.*

Immunizations + v All Visits ↻

View Forecast Print Record

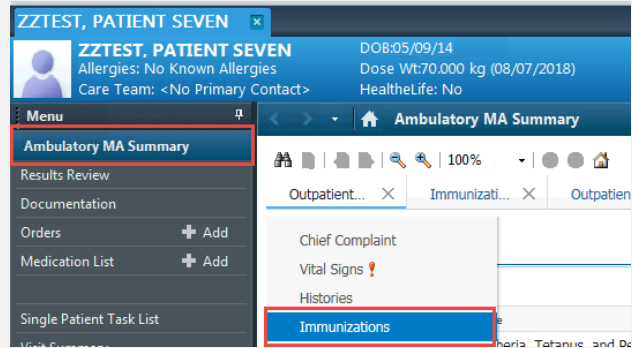
Vaccine	Status	Administra...	Next Recommended	Last Action	Last Action Date
▼ Documented/Recommended (9)					
Hepatitis A	Overdue	--	Today	--	--
Hepatitis B	Overdue	--	Today	--	--
Measles, Mumps, Rubella	Overdue	--	Today	--	--
Td/Tdap	Overdue	--	Today	--	--
Varicella	Overdue	--	Today	--	--
Influenza	In Range	--	Today - JUN 30, 2019	--	--
Pneumococcal Conjugate	--	--	AUG 06, 2032	--	--
Pneumococcal Polysaccharide	--	--	AUG 06, 2033	--	--
Zoster	--	--	AUG 06, 2027	--	--
▼ History (6)					
Diphtheria, Tetanus, and Pertussis	Aged Out	--	--	--	--
Haemophilus Influenzae Type B	Aged Out	--	--	--	--
Human Papillomavirus	Aged Out	--	--	--	--
Meningococcal	Aged Out	--	--	--	--
Polio	Aged Out	--	--	--	--
Rotavirus	Aged Out	--	--	--	--

Last Registry Import: -- **Import**

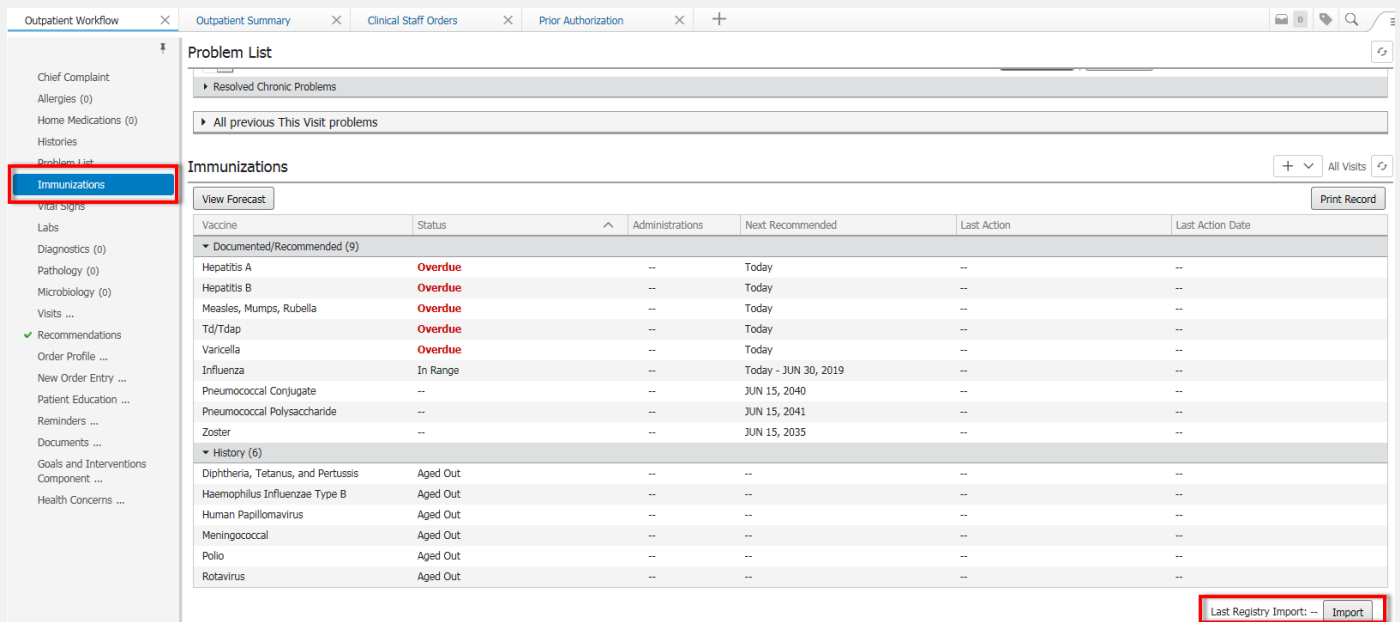
## How to Import Immunization History from MCIR Immunization Registry

To provide more accurate immunization forecasting, historical immunization information documented in MCIR can be added to the patient's Cerner Powerchart record. Importing historical immunizations from a state registry eliminates the need to hand-enter historical immunizations in Cerner that the patient received elsewhere (*pharmacy, health dept, non-McLaren physician*).

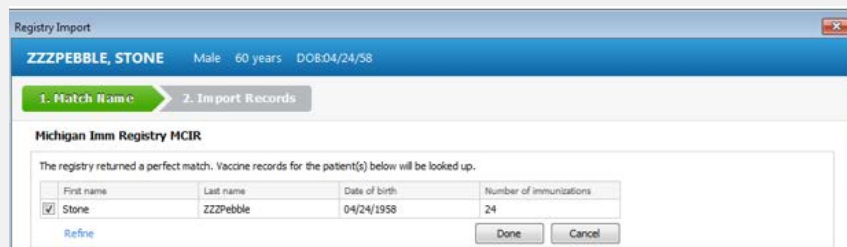
- 1) Select the **Immunizations** component from the Workflow Navigation Pane.



- 2) Select the **Import** button in the lower right hand part of the component.



- 3) If an exact patient match is found, the **Registry Import** window displays the matching patient.



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- 4) If an exact match isn't found, click the **Refine** button.
  - a. The system allows the user to refine the search criteria to narrow down the search and find an appropriate match.
  - b. When refining the search, the system will automatically populate the fields with information available in Millennium so that the user can review or accept or modify the refined info to better match results on the registry side.
  - c. If no match can be found, manually add the immunization history (see next section).

Registry Import

**SMITH, HANNAH** Female 6 years DOB:11/2/2008

1. Match Name 2. Import Records

**Missouri Immunization Registry ShowMeVax**

Please refine your search.

<input checked="" type="checkbox"/> First name:	HANNAH	<input checked="" type="checkbox"/> Mother's maiden name:	Jones
<input checked="" type="checkbox"/> Last name:	SMITH	<input type="checkbox"/> Mother's first name:	
<input checked="" type="checkbox"/> Middle name:		<input type="checkbox"/> Phone number:	(816) 201-1928
<input checked="" type="checkbox"/> Date of birth:	11/02/2008	<input checked="" type="checkbox"/> Home address:	1550 Main Street
<input checked="" type="checkbox"/> Sex:	Female		Liberty 64068

Refine Cancel

**Kansas Immunization Registry KSWebIZ**

The registry returned a perfect match. Vaccine records for the patient(s) below will be looked up.

First name	Last name	Date of birth	Number of immunizations
<input checked="" type="checkbox"/> HANNAH	SMITH	11/02/2008	36

Refine Done Cancel

- 5) Once the appropriate person is selected, select the **Load Records** button.

Registry Import

**ZZZPEBBLE, STONE** Male 60 years DOB:04/24/58

1. Match Name 2. Import Records

**Michigan Imm Registry HCIR**

The registry returned a perfect match. Vaccine records for the patient(s) below will be looked up.

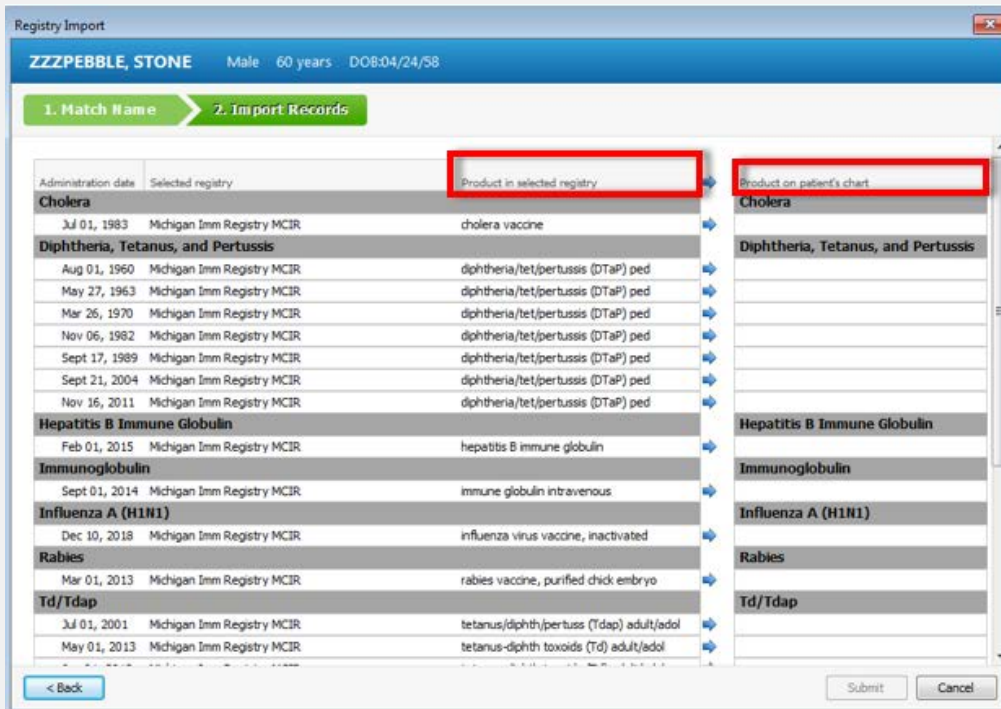
First name	Last name	Date of birth	Number of immunizations
<input checked="" type="checkbox"/> Stone	ZZZPebble	04/24/1958	24

Refine Done Cancel

View Registry Forecast **Load Records** Cancel

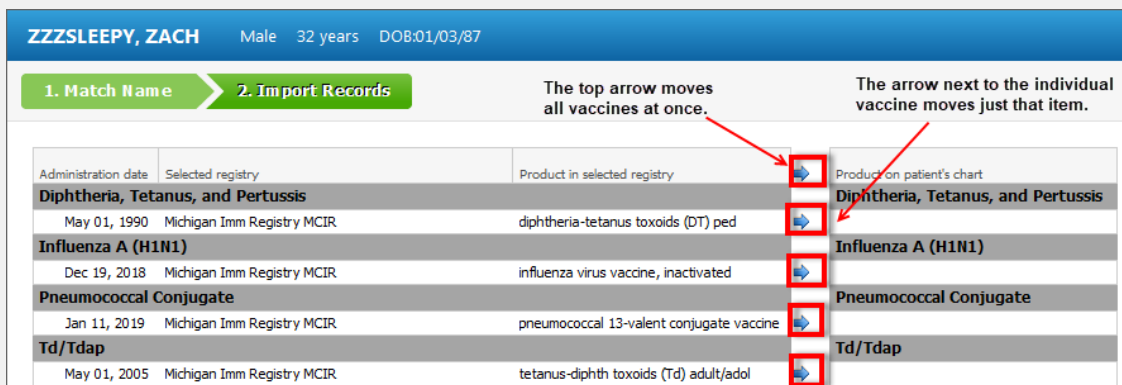
## Cerner Powerchart Ambulatory Quick Reference Guide

- 6) Records from the registry are displayed on the left-hand side of the **Registry Import** window.
- 7) Existing vaccines in the Cerner chart are displayed on the right.



- 8) To import vaccines from the state registry (MCIR) into the patient's Cerner chart:
  - a. Click the arrow in the top column header to move all vaccine records from the registry over at once.
  - b. Click the arrow next to the vaccine to import individual vaccination records from the registry one by one.

**Note:** If a vaccine record for the same date already exists in Cerner, the arrow is not displayed.



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9) Click “**Submit**” to commit the selected vaccines to the patient’s chart in Cerner.

ZZZSLEEPY, ZACH Male 32 years DOB:01/03/87

1. Match Name 2. Import Records

Administration date	Selected registry	Product in selected registry
<b>Diphtheria, Tetanus, and Pertussis</b>		
May 01, 1990	Michigan Imm Registry MCIR	diphtheria-tetanus toxoids (DT) ped
<b>Influenza A (H1N1)</b>		
Dec 19, 2018	Michigan Imm Registry MCIR	influenza virus vaccine, inactivated
<b>Pneumococcal Conjugate</b>		
Jan 11, 2019	Michigan Imm Registry MCIR	pneumococcal 13-valent conjugate vaccine
<b>Td/Tdap</b>		
May 01, 2005	Michigan Imm Registry MCIR	tetanus-diphth toxoids (Td) adult/adol

Product on patient's chart

- Diphtheria, Tetanus, and Pertussis
- diphtheria-tetanus toxoids (DT) ped
- Influenza A (H1N1)
- influenza virus vaccine, inactivated
- Pneumococcal Conjugate
- pneumococcal 13-valent conjugate vaccine
- Td/Tdap
- tetanus-diphth toxoids (Td) adult/adol

< Back Submit Cancel

10) The vaccines are displayed in the **Immunizations** component.

Immunizations

View Forecast All Visits Print Record

Vaccine	Status	Administrations	Next Recommended	Last Action	Last Action Date
Documented/Recommended (8)					
Hepatitis A	Overdue	--	Today	--	--
Hepatitis B	Overdue	--	Today	--	--
Measles, Mumps, Rubella	Overdue	--	Today	--	--
Td/Tdap	Overdue	1	Today	Administered	MAY 01, 2005 (18yrs 3m)
Varicella	Overdue	--	Today	--	--
Influenza	In Range	--	Today - JUN 30, 2019	--	--
Pneumococcal Polysaccharide	--	--	JAN 03, 2052	--	--
Zoster	--	--	JAN 03, 2047	--	--
History (8)					
Diphtheria, Tetanus, and Pertussis	Aged Out	1	--	Administered	MAY 01, 1990 (3yrs 3m)
Hemophilus influenzae type b	Aged Out	--	--	--	--
Human Papillomavirus	Aged Out	--	--	--	--
Meningococcal	Aged Out	--	--	--	--
Pneumococcal Conjugate	Aged Out	1	--	Administered	JAN 11, 2019 (32yrs)
Polio	Aged Out	--	--	--	--
Rotavirus	Aged Out	--	--	--	--
Influenza A (H1N1)	--	1	--	Administered	DEC 19, 2018 (31yrs 11m)

11) The vaccines are displayed in the **Immunization Forecaster**.

Outpatient Workflow Immunization Forecaster Outpatient Summary Clinical Staff Orders Prior Authorization

CDC Schedule Today Forecast List Print Record

Immunizations	11yrs 11m MAY 26, 1970	34yrs 1m NOV 06, 1982	21yrs 2m MAR 01, 1983
Measles, Mumps, Rubella	Not Started		
Meningococcal	Aged Out		
Pneumococcal Conjugate	Not Started		
Pneumococcal Polysaccharide	Not Started		
Polio	Aged Out		
Rotavirus	Aged Out		
Td/Tdap	Last Admin: JUN 01, 2013 (55yrs 1m)		
Varicella	Not Started		
Zoster	Not Started		

diphtheria/tet/pertussis (DTaP) ped Dose 1 - MAR 26, 1970 diphtheria/tet/pertussis (DTaP) ped Dose 2 - NOV 06, 1982 diphtheria Dose 3 -