

### Description

Allow practitioners to order the administration of immunizations to a patient using filters for type of vaccine, including combination vaccines.

Dr. Ramon Michael Bradshaw, orders the four vaccines to be administered to Lance Gaige Duncan Jr.:

PEDIARIX, CVX 110
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ActHIB, CVX 48
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Rotarix, CVX 119
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Prevnar 20, CVX 216
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### Pre-condition

The patient Lance Gaige Duncan Jr. is registered in the SUT.

Lance Gaige Duncan Jr. has been selected as the active patient in the SUT.

Dr. Ramon Michael Bradshaw is the ordering practitioner.

Daniela Jennifer Wyatt is the entering practitioner for the order.

### Post-Condition

An administering practitioner is able to select the same patient selected by Dr. Ramon Michael Bradshaw, the ordering provider, and the patient may now be administered doses of all vaccines ordered.

Go to step 3.6.1

### Test Objectives

To test the capability that the SUT allows the order of immunizations for a patient using filters for vaccine types, including combination vaccines.

### Evaluation Criteria

Dr. Ramon Michael Bradshaw intends to look for vaccines containing hepatitis B antigen.

The SUT will allow filtering as shown and the SUT user will enter the orders for the products listed as “The vaccine to be ordered”

Each order may be processed individually, or each selected to create an order set that allows entry of all orders together.

The SUT displays the following list of vaccines containing hepatitis B antigen:

Product Name (This may vary with each implementation)	PEDIARIX
Generic Name (CVX 110)	DTaP-Hep B-IPV
CVX Code	110

Product Name (This may vary with each implementation)	RECOMBIVAX HB
Generic Name (CVX 08)	Hep B, adolescent or pediatric
CVX Code	08

Product Name (This may vary with each implementation)	ENGRIX-B
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Generic Name (CVX 43)	Hep B, adult
CVX Code	43

Product Name (This may vary with each implementation)	ENGRIX-B
Generic Name (CVX 08)	Hep B, adolescent or pediatric
CVX Code	08

From the above list of vaccines containing hepatitis B antigen Item 1, PEDIARIX, CVX 110 is ordered.

Dr. Ramon Michael Bradshaw uses the information below to order(s) for the patient's first vaccine:

Product Name (This may vary with each implementation)	PEDIARIX
Generic Name (CVX 110)	DTaP-Hep B-IPV
CVX Code	110

Next, Dr. Ramon Michael Bradshaw intends to look for vaccines containing Hib antigen.  
The SUT displays the following vaccine containing Hib antigen:

Product Name (This may vary with each implementation)	ActHIB
Generic Name (CVX 48)	Hib (PRP-T)
CVX Code	48

From the above vaccine containing Hib antigen, ActHIB, CVX 48 is ordered.

Dr. Ramon Michael Bradshaw uses the information above to record order(s) for the patient's second vaccine.

Next, Dr. Ramon Michael Bradshaw intends to look for vaccines containing rotavirus antigen.  
The SUT displays the following vaccine containing rotavirus antigen:

Product Name (This may vary with each implementation)	Rotarix
Generic Name (CVX 119)	rotavirus, monovalent
CVX Code	119

From the above containing rotavirus antigen, Rotarix CVX 119 is ordered.

Dr. Ramon Michael Bradshaw uses the information above to record order(s) for the patient's third vaccine.

Next, Dr. Ramon Michael Bradshaw intends to look for vaccines containing Pneumococcal conjugate antigen.  
The SUT displays the following vaccine containing Pneumococcal conjugate antigen:

Product Name (This may vary with each implementation)	Pevnar 20
Generic Name (CVX 216)	Pneumococcal conjugate PCV20, polysaccharide CRM197 conjugate, adjuvant, PF
CVX Code	216

From the above containing Pneumococcal conjugate antigen, Pevnar 20 CVX 216 is ordered.

Dr. Ramon Michael Bradshaw uses the information above to record order(s) for the patient's fourth vaccine.

Patient	
Name	Lance Gaige Duncan Jr.
DOB	See Job Aid
SUT Users	
Ordering Provider	Ramon Michael Bradshaw
Entering Organization	Oregon Family Medicine
Order Entered By	Daniela Jennifer Wyatt

The proctor may accept one of the following presentations as acceptable for this test step:

- (a) The SUT presents a list of all immunizations and provides the user with ability to filter by antigen and the sorted display includes single antigen and combination vaccines containing that antigen. The user selects each of the four vaccines indicated and orders each either as individual steps for each or a single step ordering all four.
- (b) The SUT allows selection of each of the four immunizations in the test step directly from an immunization schedule, opening the ordering screen for each as it is selected and displaying only the vaccines containing the respective antigen(s).

#### Notes

Coded values are not expected to be displayed to the user, but it is expected that the value displayed to the user has the identified meaning, and it is expected that the system will use the coded value when the attribute is conveyed in later transactions.

Depending on the SUT's configuration, four separate orders may need to be placed, one for each vaccine dose.

In later tests it is expected vaccine products NDCs will appear in RXA segments and the ordering and entering practitioners will appear in a single ORC segment.