

# JHH Adult ED – XPERT Influenza Testing Workflow

## How to document the Barda Flu Study Screening

A departmental initiative around influenza testing in the JHH Adult ED will begin on October 1, 2014 and will run through April 30, 2015. This is related to the BARDA Flu study in which researchers seek to determine whether or not the use of EMR-Based clinical decision support and rapid influenza diagnostic testing improves the diagnosis of influenza (flu) in the emergency medicine environment. ALL patients assessed at triage will need to be screened.

### Try It Out

1. In the TRIAGE navigator, the nurse will click on the **Barda Flu Study** tab and ask the patient four yes/no questions.
2. An Xpert Flu Study Screening Score is automatically tallied. Close the window and a score of 3 or higher will generate a Best Practice Advisory window indicating an Xpert Flu test order should be placed.

The screenshot displays the Epic EMR interface. The main window is titled "Barda Flu Study - Barda Flu Study Screening". It shows a patient's visit on 9/30/2014 at 10:54. The screening questions are as follows:

Question	2=Yes	0=No	Pt unable to answer
Cough, new or increased in last 7 days?	Selected		
New Headache in last 7 days?	Selected		
Fever (subjective) in the last 7 days?		Selected	
Temperature of 100.4 F (38 C) or greater?	Selected		Unable to assess
Xpert Flu Study Screening Score	3		

Below the screening window, a "Best Practice Advisory" window is displayed with the following content:

**Xpert Flu testing indicated - Order Xpert Flu test**

Acknowledge reason:  Patient refused | Pt dx w/ influenza within prev 48 hr... | Other (comment)

Place order: XPERT Flu test  
(Last done by Cathleen Lindauer, RN on 9/29/2014 at 3:23 PM)

Buttons: Accept, Cancel

3. The box to place the order will already be checked, and the user will just click ACCEPT to open up the ORDERS tab.
  - NOTE: If the patient refuses to be tested or there is some other reason the order will not be placed, an acknowledge reason must be specified in order to continue with chart documentation.
4. Once in the ORDERS tab, sign the order with the defaulted order mode PER PROTOCOL COSIGN REQUIRED.

5. The nurse will then go into the ED Narrator, acknowledge the order and complete the task. This Flu test is sent to the lab via a paper requisition.

The screenshot shows the ED Narrator interface with a yellow header. Below the header are navigation icons for Refresh, Code, Sedation, and Blood Admin/Protocols. There are expand/collapse controls and a search icon. A message states "There are no active alerts". Below this are sections for MAR, Vitals/I&O, Acknowledge Orders (2), and Specimens/Tasks (1). The Acknowledge Orders section lists two orders: "Initiate Patient Triage, Assessment and Non Prescriber Initiated Protocol Orders" and "XPERT Flu test". The Specimens/Tasks section shows a task for "XPERT Flu test" with a date of 09/10 and a time of 09:00.

Acknowledge Orders (2)	
New Orders ✓ Acknowledge All	
✓	<a href="#">Initiate Patient Triage, Assessment and Non Prescriber Initiated Protocol Orders</a>
✓	XPERT Flu test
	Order Comments

  

Specimens/Tasks (1)	
XPERT Flu test	
XPERT Flu test	09/10
Order Comments	09:00