Flu Vaccination Data

Business Objective

Implement a method to obtain vaccination data for dialysis patients.

Business Description

There will be vaccinations for COVID-19, flu, hepatitis and other illnesses and the administration should be able to see how many of these patients are getting these vaccinations.

- Fluarix (IIV4)
- FluLaval (IIV4)
- Flublok (RIV4)
- Fluzone (IIV4)
- Fluzone High-Dose Quad (IIV4-HD)
- Afluria Quad (IIV4)
- Fluad (aIIV3)
- Fluad Quad(aIIV4)
- Flucelvax (ccIIV4)

Benefit Hypotheses

- Able to see vaccination data for dialysis patients

Acceptance Criteria

Acceptance Criteria	Notes/Questions	Team(s) Involved
Indicator whether Flu vaccination was received	A checkbox like Hep B on Clinical	

If Flu vaccination was received, the a Drop down box with list of Flu vaccines	~~Drop down is easier to modify as we get names of approved vaccinations~~ ~~Are drop downs table driven? Yes.~~ ~~If table driven, could we say that we want this vaccine name and it needs two doses so the user will need to enter the date for both doses. Apply a rule saying that users must put in second dose or a reminder.~~ Drop w/list of vaccines for flu: • See above	
If Flu vaccination not received, provide reason: Declined, Medical Reason: Allergic, Medical Reason: Adverse Reaction (will need to have a text field to provide adverse reaction), Other Medical Reason (will need to have a text field to provide adverse reaction), Outside vaccination reported but no documentation, Vaccine data not available	Required if Flu vaccination was not received	
When Flu vaccine is selected, provide ability to enter date	Only one date	
When Flu vaccine is selected, provide ability to enter date N/A	The date N/As will be labelled - 'Received but date not known'	
Indicator If a **significant** adverse reaction is reported	Significant in bold text	
A required text field to explain significant adverse reaction if the answer is yes	the required text field will display some adverse reaction examples to be included in parentheses	
If yes for significant adverse reaction, An indicator if it has been reported to the FDA	Required if a **significant** adverse reaction is reported	
When the patient has been admitted to a facility, the option to provide this vaccination data will be displayed	The vaccination information will be tied to an admission	

Users will only be able to view, but not be able to edit vaccination details for admissions to OOS facilities. Users will be able to view, add or edit vaccination details for admissions to their in-scope facilities.		
All facilities (dialysis or transplant) can provide this vaccination data		

Assumptions

- This feature page is specific to the research portion of Flu vaccination data.
- This can be a top decision for PI 13 if not PI 12.
- This will be part of the vaccination module
- Scope includes UI and EDSM

Dependencies

Dependency	Outgoing Team(s)	Receiving Team(s)	Date Needed	Date Completed	Notes

Notes

- We'll need COVID vaccination data. When was the vaccination given? Was the series completed if applicable? Were there adverse reactions? Were the adverse reactions reported to FDA?
- Suggestion: Have a maintenance table that would drive a UI window.
  - example: Put a check mark for "was cold storage maintained and verified?"

Flu Vaccine Rules:

- Could we develop banners or something that alerts on the dashboard around August that says "have these patients received their flu vaccinations?"
  - This would be a weekly reminder through November or December
- Develop additional alerts to remind patients who have yet to vaccinate and to remove the alert that either have to mark that they have given the vaccination.
- Have indication that multiple dates for refusal of vaccination offers were made. Ex: Two different offers before patient is listed as refusal of vaccination
- Alert to remind them to see if there have been any adverse reactions and see if they have recorded those

- Call out highly recommended vaccination each year. Each year, medical organizations recommend vaccines that are a higher dose so that older patients can prioritize those vaccinations.
- Cold storage: some vaccines must be stored at specific temperatures
  - Ask if there is a system in place at the facility level to manage the cold storage chain.
  - Is it cost effective to capture temperature, multiple step verification... would it be more sufficient to ask a question to ask if facilities are storing vaccinations at the right temperature.
- Need a place to record that age of the patient at the time the vaccination is given.
- Have an alert that would notify the facility after 5 years for that booster and if the patient needs a 3rd one after 5 years if they are 65 & older. If they are 65 and older and never had it, they can only have one injection.