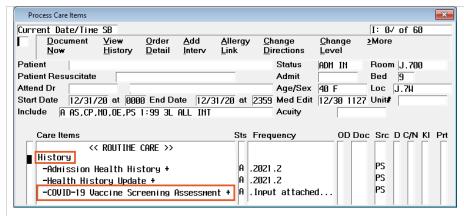
# Nursing COVID-19 Vaccine Assessment MEDITECH EBCD Update

**EHR** 

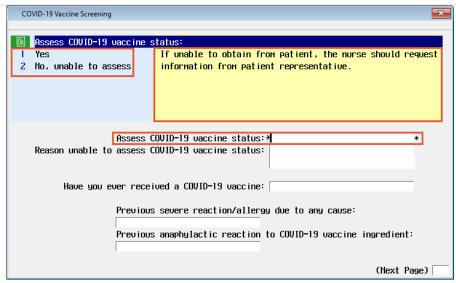
**Update** 

There is a new screening assessment for the COVID-19 vaccinations. This screening must be completed by the nurse upon admission (for patients with admission and/or observation order) and preferably before the Provider COVID-19 Vaccine order entry. Below outlines new Screening tool.



The new intervention COVID-19 Vaccine Screening Assessment will be on the worklist once Quick Start has been initiated.

Locate the intervention in the History Header.



Assess COVID-19 vaccine status field is required with the following responses:

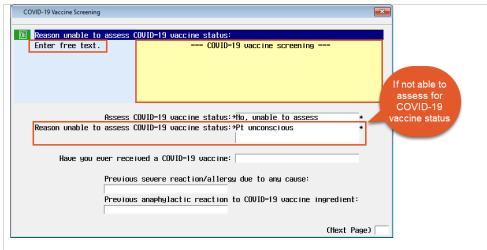
- Yes
- No, unable to assess

Note: If "No" is selected, the clinician must follow up with family/representative and other healthcare personnel to update and complete screening.

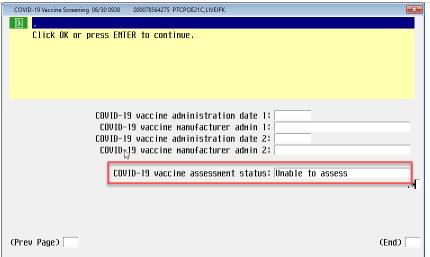
The Yellow Information Box outlines the guidelines for the nurse:

If unable to obtain from the patient, the nurse should request information from patient representative.





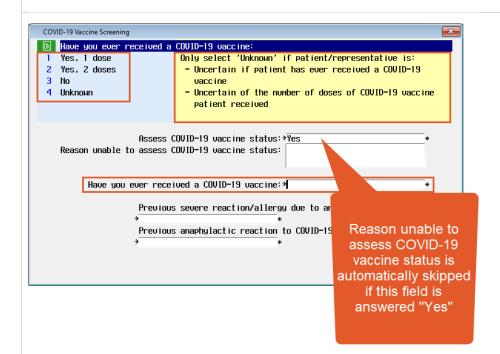
Reason unable to assess COVID-19 vaccine status field is free text and is only required if the previous field is answered "No, unable to assess". Otherwise, this field will automatically be skipped.



COVID-19 vaccine assessment status will auto populate with the determined status.

"No, unable to assess" response determines the patient's *COVID-19 vaccine* assessment status as "Unable to assess".

<u>Note</u>: The clinician is expected to complete the screening as soon as clinically appropriate.



Have you ever received a COVID-19 vaccine field is required when the Assess COVID-19 vaccine status is answered "Yes".

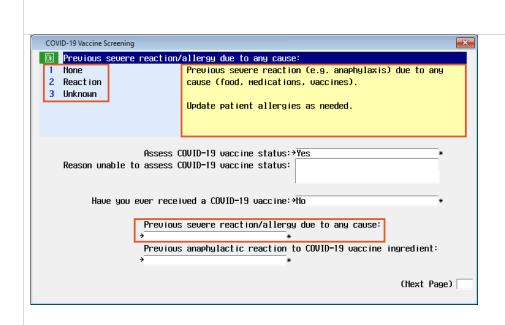
This field has the follow responses:

- Yes. 1 dose
- Yes, 2 doses
- No
- Unknown

The Yellow Information Box outlines guidelines for the "Unknown" response:

Only select 'Unknown' if patient/representative is: -Uncertain if patient has ever received a COVID-19 vaccine.





-Uncertain of the number of doses of COVID-19 vaccine patient received.

Previous severe reaction/allergy due to any cause field is required and has the following responses:

- None
- Reaction
- Unknown

The Yellow Information Box outlines the guidelines for any previous severe reaction:

Previous severe reaction (e.g. anaphylaxis) due to any cause (food, medications, vaccines).

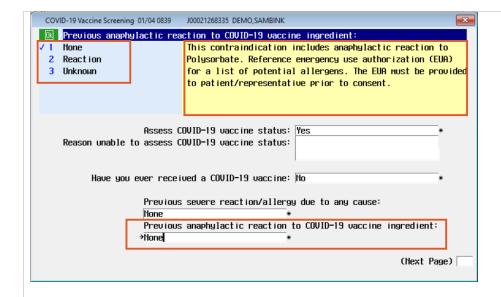
Update patient allergies as needed.

Previous severe reaction/allergy due to any cause is a required field and will recall reaction data from Influenza and Pneumococcal vaccine documentation as well as previously documented "Reaction" in the COVID-19 screening.

Note: (Default responses are not cross referenced from the Allergies Routines)

The clinician will need to follow facility process to update patient's allergy and add reaction if applicable.





Previous anaphylactic reaction to COVID-19 vaccine ingredient field is required and has the following responses:

- None
- Reaction
- Unknown

<u>Note</u>: Selecting "Unknown" is acceptable after the 1<sup>st</sup> dose is administered however after the 2<sup>nd</sup> dose, if "Unknown" is selected, further investigation is required by the care team.

The Yellow Information Box outlines the guidelines for the Emergency Use Authorization (EUA):

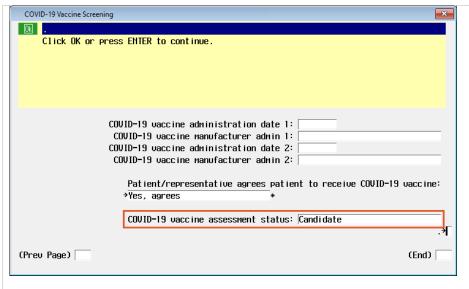
This contraindication includes anaphylactic reaction to Polysorbate. Reference emergency use authorization (EUA) for a list of potential allergens. The EUA must be provided to patient/representative prior to consent.

Assess Links below within the COVID-19 Vaccine Order Screen:

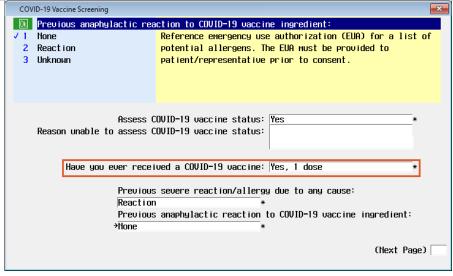
Pfizer EUA link available in English and additional Languages
Moderna EUA link available in English and additional Languages

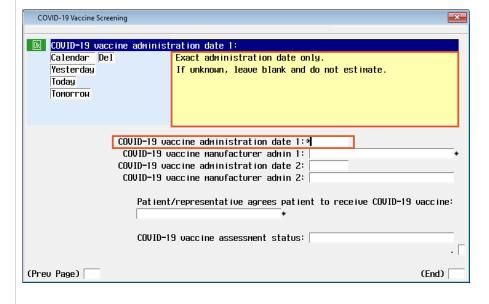
Previous anaphylactic reaction to COVID-19 vaccine ingredient is a required field and recalls from previously documented "Reaction" in this field.





COVID-19 vaccine assessment status field auto populates with the determined vaccine status.





### Patient has received 1 Dose COVID-19 vaccine scenario

Have you ever received a COVID-19 vaccine is responded with "Yes, 1 dose".

Document required Reaction fields as previously noted.

Use the calendar feature to complete the *COVID-19* vaccine administration date 1 field.

The Yellow Information Box outlines the guidelines for the clinician:

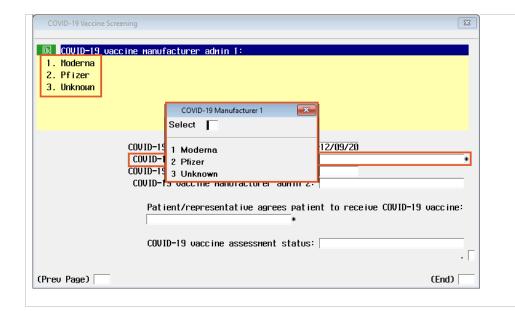
Exact administration date only.

If unknown, leave blank and do not estimate.

Note: COVID-19 Vaccination dates must be exact, not estimated and can be left blank if necessary to determine if the patient is a true candidate.

In this example we will select the patient's vaccine administration date of





12/09/20.

COVID-19 vaccine manufacturer admin 1 populates 3 options:

- Moderna
- Pfizer
- Unknown

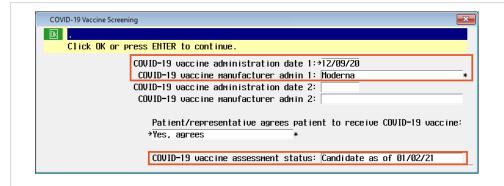
This field is required if the "Yes, 1 dose" is selected.

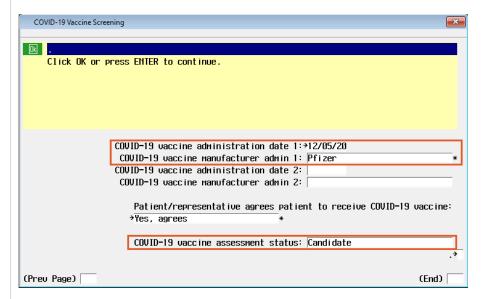
The clinician will select the appropriate manufacturer.

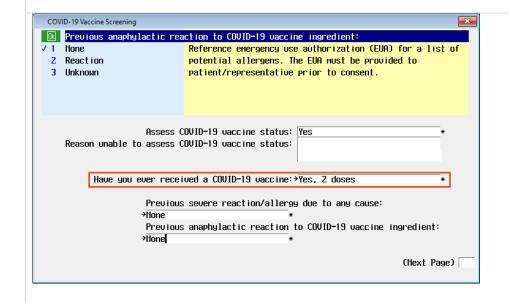


COVID-19 Possible Patient Candidate Status	
Candidate	Candidate as of day of screening
	COVID-19 vaccine assessment status: Candidate
Candidate as of MM/DD/YY	Future candidate without contraindications (1st date and manufacturer known and future date is calculated + 17 days for Pfizer and + 24 days for Moderna)  COUID-19 vaccine assessment status: Candidate as of 01/02/21
Candidate-precautions	-Candidate as of day of screening -AND 'If patient has previous severe reaction/allergy due to any cause  COUID-19 vaccine assessment status: Candidate - precautions
Candidate - precautions MM/DD/YY	-Future candidate -(1st date and manufacturer known and future date is calculated + 17 days for Pfizer and + 24 days for Moderna) -AND 'If previous severe reaction/allergy due to any cause  COUID-19 vaccine assessment status: Candidate-precaution-01/07/21
Declines	Was not excluded but Patient/Rep declines during interview  COVID-19 vaccine assessment status: Declines vaccine
Up to date	Patient reports receiving two doses of the COVID-19 Vaccine -Dates and Manufacturers of Dose 1 and Dose 2 are "known" or "Unknown" -AND Patient reports no previous anaphylactic reaction to COVID-19 vaccine ingredient  COUID-19 vaccine assessment status: Up to date
Not a candidate-Contraind	Pt has had a Previous anaphylactic reaction to COVID-19 vaccine ingredient  ***This response overrules any other responses***  COVID-19 vaccine assessment status: Not a candidate - contraind
Unable to assess	Healthcare team should continue to reassess through alternate sources  COVID-19 vaccine assessment status: Unable to assess
Unknown- insuff admin data	Any of the following are unknown:  -Have you ever received a COVID-19 vaccine -Previous anaphylactic reaction due to COVID-19 vaccine ingredient -COVID-19 vaccine manufacturer admin 1 -Received 1 dose, but date is blank  COUID-19 vaccine assessment status: Unknown - insuff admin data









For patients receiving the Moderna vaccine, the window for administering the second dose is 24-28 days.

The patient receiving a Moderna vaccine on 12/09/20 is eligible for the second vaccine on 01/02/21, 24 days after the initial vaccine.

The patient receiving a Pfizer vaccine on 12/05/20 is listed as a "Candidate" due to the patient being assessed during the eligible administration window.

Exact Dates are needed to confirm true candidates v/s candidates with precautions.

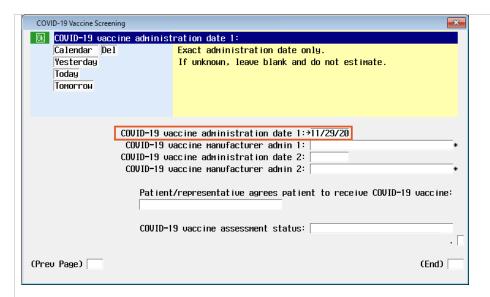
Note: A response of a previous reaction is NOT a contraindication for the COVID-19 Vaccine; rather it is an indication that the patient should be monitored for a longer duration.

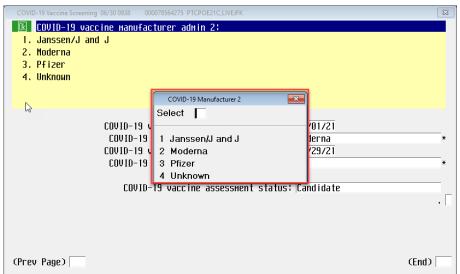
## Patient has received 2 Doses COVID-19 vaccine scenario

Have you ever received a COVID-19 vaccine is responded with "Yes, 2 doses".

Use the calendar feature to complete the *COVID-19* vaccine administration date 1 field.







The Yellow Information Box outlines the guidelines for the clinician:

Exact administration date only.
If unknown, leave blank and do not estimate.

COVID-19 vaccine manufacturer admin 1 is required and has the following responses:

- Janssen/ J and J
- Moderna
- Pfizer
- Unknown

This field is required if the "Yes, 2 doses" is selected.

Use the calendar feature to select the correct date.

If the clinician documents the patient reports receiving the Janssen/J and J vaccine, in just one Admin field, the COVID-19 vaccine assessment status will auto populate with the patient's vaccine status as "Up to date"

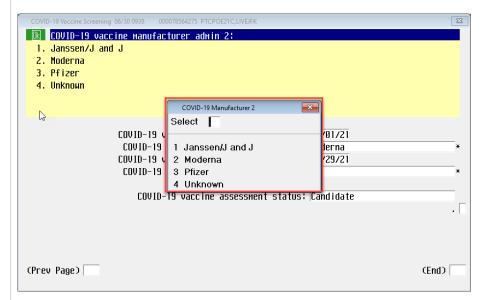
The Yellow Information Box outlines the guidelines for the clinician:

Exact administration date only.
If unknown, leave blank and do not estimate.





COVID-19 Vaccine Screening ◯◯ COVID-19 vaccine administration date 2: Calendar Del Exact administration date only. Yesterday If unknown, leave blank and do not estimate. Today Tomorrow COVID-19 vaccine administration date 1:→11/29/20 COVID-19 vaccine manufacturer admin 1: Moderna COVID-19 vaccine administration date 2:→12/26/20 COVID-19 vaccine manufacturer admin 2: Patient/representative agrees patient to receive COVID-19 vaccine: COVID-19 vaccine assessment status: (Prev Page) (Fnd)





If the 2<sup>nd</sup> vaccine administration date entered is a date preceding the 1 vaccine administration date, the clinician will receive this this Error message:

Date cannot be the same or prior to first dose.

COVID-19 vaccine manufacturer admin 2 is a required field and has the following responses:

- Janssen/ J and J
- Moderna
- Pfizer
- Unknown

If the clinician chooses a different manufacturer than the COVID-19 Vaccine manufacturer admin 1, an alert will populate:

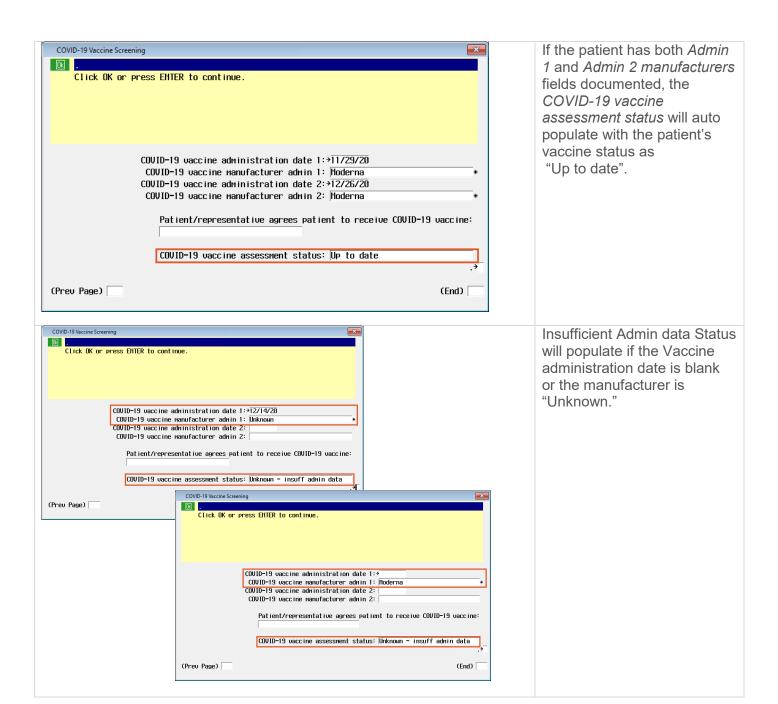
You have chosen different manufacturers. Are you sure?

The clinician will select "Yes" to continue or "No" to clear the defaulted manufacturer.

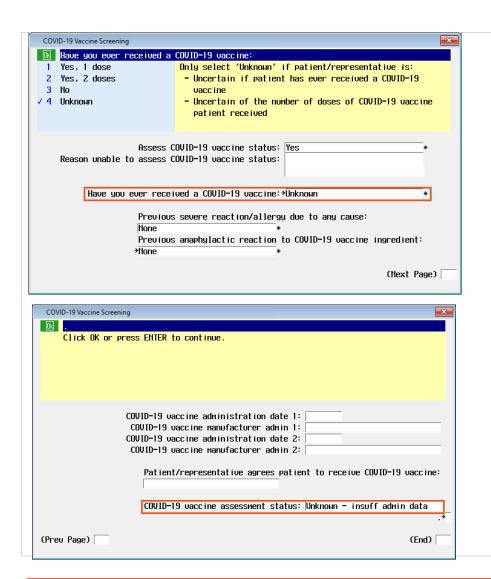
#### Note:

User is alerted to discrepancy but may document different manufacturers.









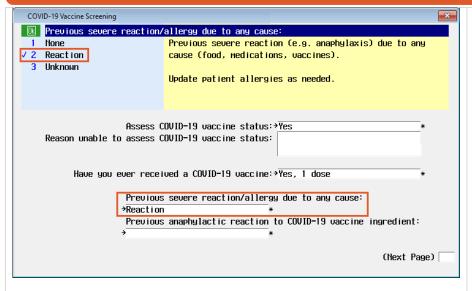
## Patient has "Unknown" response to COVID-19 Vaccination scenario:

Have you ever received a COVID-19 vaccine is responded with "Unknown".

The clinician will need to complete the next required fields as previously noted.

COVID-19 vaccine assessment status auto populates with the patient's vaccine status as "Unknown – insufficient admin data".

### **Reactions Response Workflow**



## Patient has "Reaction" response as a previous allergy:

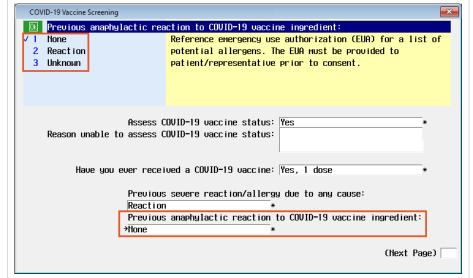
Previous severe reaction/allergy due to any cause is a required field and will recall reaction data as previously noted.

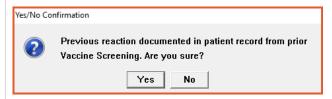
If the clinician manually selects another response from the defaulted "Reaction" response, an alert will populate:

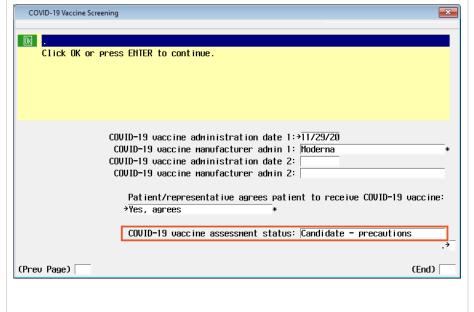
Previous reaction documented in patient record from prior Vaccine Screening. Are you











#### sure?

The clinician can then select "Yes" to continue or "No" to clear the defaulted response.

Previous anaphylactic reaction to COVID-19 vaccine ingredient is a required field and recalls from previously documented "Reaction" screening if applicable.

If the clinician manually selects another response from the defaulted "Reaction" response, an alert will populate:

Previous reaction documented in patient record from prior Vaccine Screening. Are you sure?

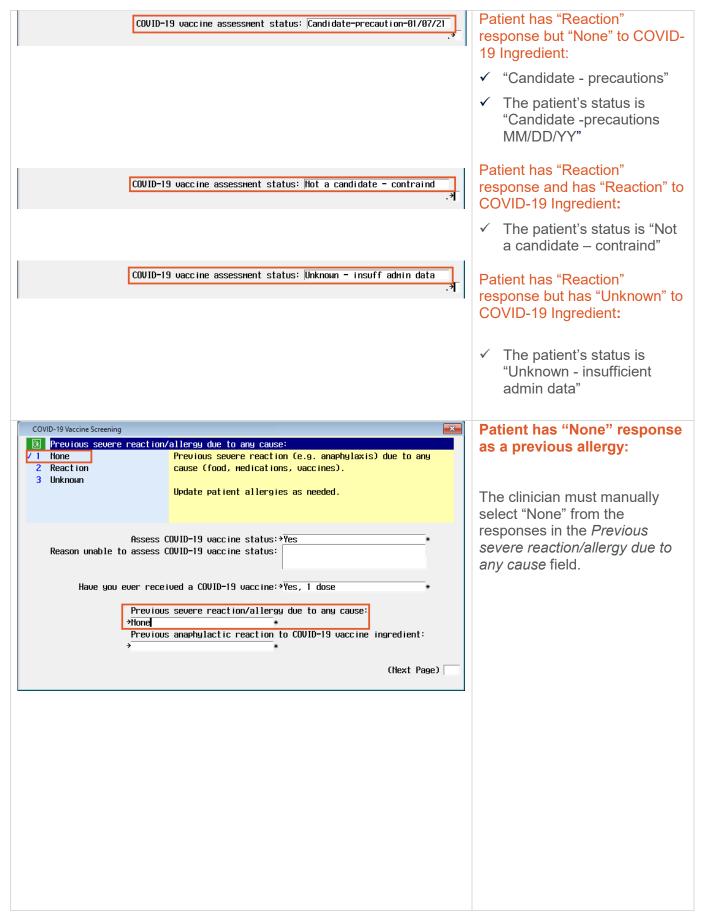
The clinician can then select "Yes" to continue or "No" to clear the defaulted response.

This field has the following responses:

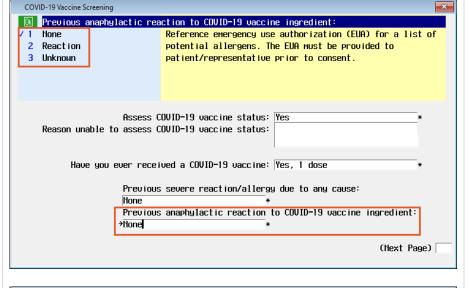
- None
- Reaction
- Unknown

The COVID-19 vaccine assessment status field will auto populate with the patient's status determined by the responses to Previous severe reaction/allergy due to any cause and Previous anaphylactic reaction to COVID-19 vaccine ingredient and the COVID-19 vaccine administration information.









Previous anaphylactic reaction to COVID-19 vaccine ingredient is a required field and recalls from previously documented "Reaction" screening as noted above.

This field has the following responses:

- None
- Reaction
- Unknown

COVID-19 Vaccine Screening	
Click OK or press ENTER to continue.	
COVID-19 vaccine administration date 1:→11/29/20	
COVID-19 vaccine manufacturer admin 1: Moderna *	
COVID-19 vaccine administration date 2:	
COVID-19 vaccine manufacturer admin 2:	
Patient/representative agrees patient to receive COVID-19 vaccine:	
→Yes, agrees *	
COVID-19 vaccine assessment status:  Candidate	
.7	
(Prev Page) (End)	

The COVID-19 vaccine assessment status field will auto populate with the patient's status determined by the responses to Previous severe reaction/allergy due to any cause and Previous anaphylactic reaction to COVID-19 vaccine ingredient and the COVID-19 vaccine administration information.

COVID-19 vaccine assessment status: Candidate as of 01/02/21

Patient has "None" response and "None" to COVID-19 Ingredient:

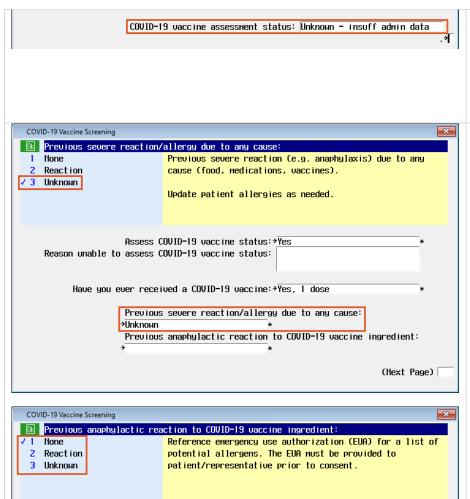
- ✓ The patient's status is "Candidate"
- ✓ The patient's status is 
  "Candidate as of 
  MM/DD/YY

Patient has "None" response and has "Reaction" to COVID-19 Ingredient:

✓ The patient's status is "Not a candidate - contraind"

COVID-19 vaccine assessment status: Not a candidate - contraind





Assess COVID-19 vaccine status: Yes

Have you ever received a COVID-19 vaccine: Yes, 1 dose

Previous severe reaction/allergy due to any cause:

Previous anaphylactic reaction to COVID-19 vaccine ingredient:

(Next Page)

Reason unable to assess COVID-19 vaccine status:

∍Unknown

→None

Patient has "None" response but has "Unknown" to COVID-19 Ingredient:

✓ The patient's status is "Unknown - insufficient admin data"

Patient has "Unknown" response as a previous allergy:

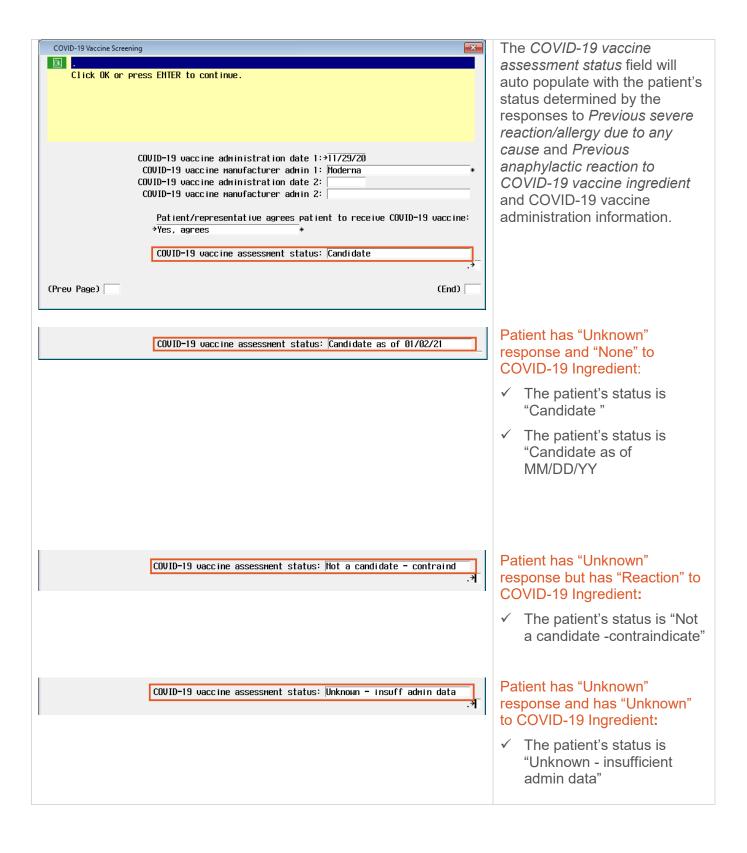
The clinician must manually select "Unknown" from the responses in the *Previous* severe reaction/allergy due to any cause field.

Previous anaphylactic reaction to COVID-19 vaccine ingredient is a required field and recalls from previously documented "Reaction" screening as noted above.

This field has the following responses:

- None
- Reaction
- Unknown





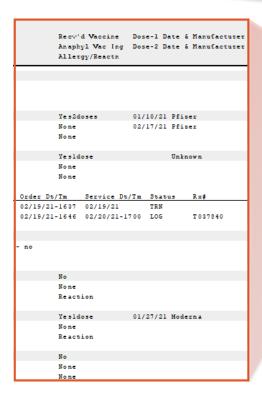


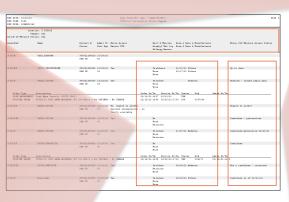
#### **COVID-19 Vaccination Status Report**

#### 1/22/21

There is a Corporate COVID-19 Vaccination Status Report.







### COVID-19 Vaccination Status Report Highlights:

- Nurse C19 Vaccine Assess Status
- If Patient received vaccine
- When Patient received vaccine
- The C19 Vaccine manufacturer



This report's intended purpose is to:

- Drive compliance for nurses performing the COVID-19 Vaccine Assessment screening
- Assist in quickly identifying inpatients that have been screened as well as those who have not been screened by the nurse based on the screening's exclusion criteria
- Assist facilities in the management of COVID-19 Vaccine stock fluctuations

The intended audience for this report are Charge Nurses, Nurse Managers, Infection Prevention, Quality and possibly Pharmacy.

#### 03/16/21

Janssen/ J and J manufacturer vaccine orders and administration are now included in the COVID-19 Vaccination Status Report.



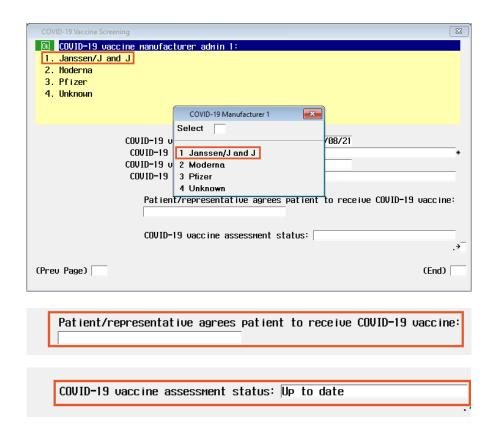
#### COVID-19 Vaccine - Addition of Janssen/J and J

#### 03/08/21

At this time, the Janssen/J and J response option will not be added to the Case Management
Consult (COVID Vaccine) order. After review, we were unable to identify any scenario in which a
patient's vaccine status would require additional follow-up IF it is known that they have received the
Johnson & Johnson vaccine. We hope that by excluding this response, we will drive the appropriate
use of this order and the consequent use of Case Management resources

#### Received 1 dose

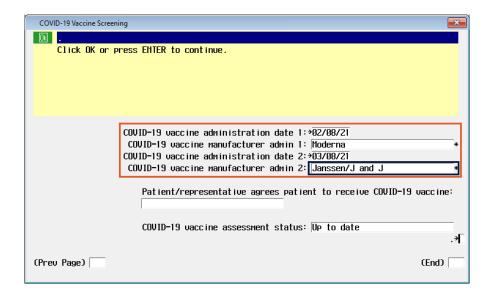
- The following manufacturer has been added to the list of responses:
  - Janssen/J and J
- Upon selecting the Janssen/J and J manufacturer, the Patient/representative agrees patient to receive COVID-19 vaccine field is automatically skipped
- If the clinician documents the patient reports receiving the Janssen/J and J vaccine, in just one Admin field, the *COVID-19 vaccine assessment status* will auto populate with the patient's vaccine status as "Up to date"





#### Janssen/ J and J Note

While the Janssen/J and J vaccine is considered to only be a one dose vaccine and not to be given
as a second dose, it could be reported by the patient. Therefore, the COVID-19 vaccine
manufacturer admin 1 field will remain open, allowing clinicians to document two manufacturers if
reported by the patient.



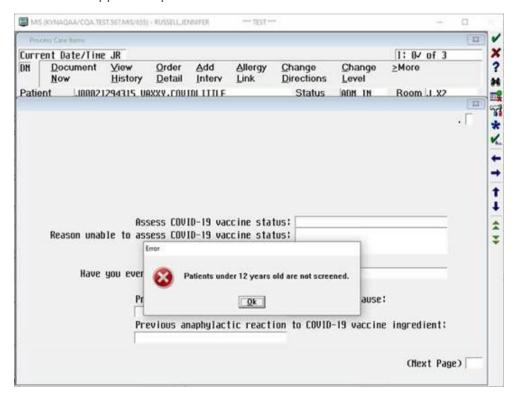




#### **Age Restriction Programming Update**

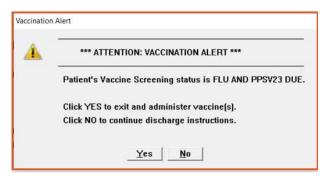
05/17/21

The COVID-19 vaccination screening has been updated to allow screening of patients 12 years of age and up. Please continue to screen all applicable patients.



#### **Discharge Update**

If the Influenza and/or Pneumococcal vaccine(s) are due (and have not been administered), the clinician will receive the following alert:



The clinicians will receive the soft-stop alert if the Influenza or Pneumococcal vaccine is due at the time of discharge regardless of recent COVID-19 vaccination. This update affects the Discharge Instructions, BH Discharge Instructions, and BH Discharge Nursing Summary.

