

## Forecasting and Assessment

### Forecast repeat dose of COVID-19 Bivalent Booster if given too early. (Ref. #1733)

Interim Clinical Considerations for Use of COVID-19 vaccines-Appendix D states that any COVID-19 dose administered prior to the minimum interval, repeat the dose. Space the repeat dose after the dose given in error by at least the minimum interval.

<https://www.cdc.gov/vaccines/covid-19/clinical-considerations/interim-considerations-us-appendix.html#appendix-d>

#### Test cases:

<b>SARS-CoV-2</b>	12/01/2021	09/01/2022		Pfizer/Modrna Bivalent Booster DUE NOW
	COVID-19 (PFR-BNT 30mcg/0.3mL) 41yrs 3mos	COVID-19 (PFR-BNT 30mcg/0.3mL) 42yrs		

#### Invalid Doses

Series/Dose #	Vaccine	Date	Age	Reason
<b>SARS-CoV-2 3</b>	COVID-19 (PFR Bivalent Booster 30mcg/0.3mL)	09/27/2022	42 Years 1 Month	Does not meet minimum interval from last dose
<b>Pfizer/Modrna Bivalent Booster</b>	YES	3	11/22/2022	11/27/2022 11/27/2022

<b>SARS-CoV-2</b>	12/01/2021	02/01/2022	09/10/2022	Up-To-Date Next Due 01/01/2023
	COVID-19 (MOD 100 mcg) 51yrs 4mos	COVID-19 (MOD 100 mcg) 51yrs 6mos	COVID-19 (MOD 50mcg) 52yrs 2mos	

<b>SARS-CoV-2 3</b>	COVID-19 (Moderna Bivalent 50mcg/0.5mL)	11/01/2022	52 Years 3 Months	Does not meet minimum interval from last dose
<b>Pfizer/Modrna Bivalent Booster</b>		4	12/27/2022	01/01/2023 01/01/2023

### Covid-19 Bivalent Booster not Assessing after Primary Series is Complete (Ref. #1857)

MCIR was displaying the words “Series Complete” in the status screen. The status screen was also forecasting and displaying due dates for the bivalent vaccine.

#### Test cases:

<b>SARS-CoV-2</b>	03/17/2021	04/10/2021	11/19/2021	Pfizer/Modrna Bivalent Booster DUE NOW
	COVID-19 (PFR 30 mcg) 42yrs 10mos	COVID-19 (PFR 30 mcg) 42yrs 11mos	COVID-19 (PFR 30 mcg) 43yrs 6mos	
<b>Pfizer/Modrna Bivalent Booster</b>	YES	4	09/01/2022	09/01/2022 09/01/2022

<b>SARS-CoV-2</b>	09/08/2021	10/06/2021					Pfizer/Modrna Bivalent Booster DUE NOW
	COVID-19 (MOD 100 mcg) 68yrs 2mos	COVID-19 (MOD 100 mcg) 68yrs 3mos					
<b>Pfizer/Modrna Bivalent Booster</b>		YES	3	09/01/2022	09/01/2022	09/01/2022	
SARS-CoV-2	09/08/21 (Moderna) 0.5 ml Lot#037F21A	10/06/21 (Moderna) 0.5 ml Lot#076C21A				Overdue	09/01/2022 09/01/2022

**Assess and evaluate COVID-19 (unspecified) CVX 213 as dose given, forecast for bivalent booster (Ref. #1899)**

Background:

CVX 213-COVID-19 (unspecified) vaccine, is an inactive code for COVID-19 not to be used to record patient US administration. May be used to record historic US administration if product is not known.

<https://www.cdc.gov/vaccines/programs/iis/COVID-19-related-codes.html>

COVID Provider agreements had specified that the manufacturer and lot number had to be recorded in MCIR. In the early stages of the pandemic, MCIR required manufacturer information to assess the status and forecast for remaining doses. At this point in the pandemic, it is important to forecast the need for any updated or new recommended vaccines. COVID-19 unspecified will now be assessed as a primary series dose, and MCIR will forecast for a bivalent or updated vaccine. Best practice requires documentation of type of vaccine, dose amount, manufacturer, lot number

**Test cases:**

<b>SARS-CoV-2</b>	01/01/2022	07/01/2022					Pfizer/Modrna Bivalent Booster DUE NOW
	COVID-19 (Unspecified) 16yrs 10mos	COVID-19 (MOD 100 mcg) 17yrs 4mos					

<b>SARS-CoV-2</b>	04/01/2022	11/21/2022					Up-To-Date Next Due 01/21/2023
	COVID-19 (MOD 100 mcg) 92yrs 3mos	COVID-19 (Unspecified) 92yrs 10mos					

<b>SARS-CoV-2</b>	02/04/2021	03/04/2021	07/06/2022				Pfizer/Modrna Bivalent Booster DUE NOW
	COVID-19 (Unspecified) 49yrs 1mo	COVID-19 (Unspecified) 49yrs 2mos	COVID-19 (PFR-BNT 30mcg/0.3mL) 50yrs 6mos				

<b>SARS-CoV-2</b>	02/02/2021	03/02/2021	11/17/2021	10/19/2022				Up-To-Date
	COVID-19 (MOD 100 mcg) 83yrs 4mos	COVID-19 (Unspecified) 83yrs 5mos	COVID-19 (MOD 100 mcg) 84yrs 1mo	COVID-19 (MOD Bivalent Booster 50mcg/0.5mL) 85yrs				

## Bug Fixes

MCIR lists or references to "Monkeypox" have been updated to "Mpox" in accordance with CDC and WHO guidance. (Ref. #1956)

An HL7 error was corrected that was incorrectly giving the error message "birth date cannot be more than child's shot date." (Ref. #1536)

Shots are now properly deducting from the correct mpox lot. (Ref. #1616 and #1816)

Lot Deductions now occur from earliest mpox Lot Expiration when Lot Expiration is NOT Provided in an HL7 Message. (Ref #1689)

An issue has been fixed to allow for deletion of historical mpox shots when MFR ID is absent from HL7 message. (Ref. #1663)

If you have questions or need assistance, please contact your Field Representative, MCIR Region, or MCIR SOM Help Desk at [MDHHS-MCIRHelp@michigan.gov](mailto:MDHHS-MCIRHelp@michigan.gov).