

## NEW YORK STATE COVID-19 VACCINATION PROGRAM

### MODERNA BIVALENT: AVOIDING ADMINISTRATION ERRORS

- Moderna bivalent COVID-19 vaccine is now available for adults (ages 12+) and children (ages 6-11 years).
- Use this **bivalent** presentation for **booster doses only**. Use **monovalent** presentations for **primary series doses only**.
- **Moderna and Pfizer bivalent COVID-19 vaccines are heterologous**. This means that eligible individuals may receive a bivalent booster dose from either manufacturer regardless of the manufacturer used for their primary series.

#### STORAGE AND HANDLING

- All Moderna vaccine presentations have the same storage and handling requirements:

<p><b>Frozen</b> -50°C to -15°C (-58°F to 5°F)</p> <ul style="list-style-type: none"> <li>• Store frozen until <a href="#">expiration date</a>.</li> <li>• NEVER REFREEZE THAWED VACCINE.</li> </ul>	OR	<p><b>Refrigerated</b> 2°C to 8°C (36°F to 46°F)</p> <ul style="list-style-type: none"> <li>• Store refrigerated for up to 30 days.</li> <li>• Count 30 days from the date vaccine was <i>first</i> placed in refrigerated storage. Label vaccine with this 30-day “beyond use” date.</li> <li>• Vaccine must be discarded after 30-day “beyond use” date <i>or</i> after expiration date, <i>whichever comes first</i>.</li> </ul>
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- All Moderna vaccine presentations can be held for a maximum of 12 hours after vial is first punctured. Any vaccine remaining after that time must be discarded.

#### ERROR PREVENTION

**MODERNA** Ages 12+ and 6-11\*  
**BIVALENT** Booster Doses

**NDC: 80777-0282-99**

\*Dose varies based on recipient’s age.





DO NOT CONFUSE WITH



**MODERNA** Ages 6-11  
**MONOVALENT** Primary Series

**NDC: 80777-0275-99**

**DO NOT USE FOR BOOSTER DOSES.**





- **Moderna bivalent vaccine** (blue cap with **gray** label) is approved for **both adults (12+) and children (6-11)**. However, the **volume** of the dose varies by age group:
  - **Individuals who are 12+** should receive a **0.5 mL dose**.
  - **Individuals who are 6-11** should receive a **0.25 mL dose**.
- Please note that **5-dose vials of Moderna monovalent vaccine** (blue cap with **purple** label) still indicate “BOOSTER DOSES ONLY.” However, this presentation is **no longer approved for booster doses** and may now be used **only** as **primary series doses for children ages 6-11**. (For adult (12+) primary series doses, use Moderna monovalent vaccine with a red cap and light blue label.)
- **When placing vaccine in cold storage units**, clearly label and physically separate monovalent/bivalent and adult/pediatric presentations on different sides or shelves.
  - CDC offers [printable storage and handling labels](#).
  - For surfaces that are too small for CDC labels, consider using color-coded “dot” stickers to distinguish between monovalent and bivalent presentations and/or placing vaccine in color-coded bins within the storage unit.\*
 

*\*Keep vaccine vials in original outer packaging if possible. Choose bins that allow adequate airflow around vaccine.*
- **After drawing up vaccine**, clearly label syringes. Include product name, intended age group (adult or pediatric), intended use (booster or primary), and dose volume.
- **Prior to administering vaccine, verify:**
  - Recipient’s age and COVID-19 vaccination history, including date of last dose.
  - Vaccine presentation; check cap and label color.
  - Volume of dose.
  - Preparation; **do not dilute** Moderna vaccine before use.

## ORDERING AND INVENTORY MANAGEMENT

- In the NYSIIS **ordering** screen, Moderna bivalent vaccine appears under both Adult Intention and Pediatric Intention. **You will receive the same vaccine regardless of which intention you choose; however, the ancillary kit will differ.**
  - Select **Adult Intention** to receive enough supplies to administer 100 doses, including a mix of 1-inch and 1.5-inch needles and syringes appropriate for drawing 0.5 mL doses.
  - Select **Pediatric Intention** to receive enough supplies to administer 200 doses, including 1-inch needles only and syringes appropriate for drawing 0.25 mL doses.
- The number of “full” doses per vial of Moderna bivalent vaccine will vary depending on the age of the recipients: up to 5 doses per vial if all recipients are adults (12+); up to 10 doses if all recipients are children (6-11); or between 5 and 10 doses if recipients are in both age ranges.
- **See page 3 of this guidance for information about managing Moderna bivalent vaccine inventory in NYSIIS.** An **optional** tool for tracking Moderna bivalent vaccine administrations throughout the clinic day is included. If you choose to use the tracking tool, please retain for at least 3 years.

## CDC RESOURCES

Moderna COVID-19 Vaccine At-A-Glance

<https://www.cdc.gov/vaccines/covid-19/info-by-product/moderna/downloads/vaccine-at-a-glance.pdf>

Moderna COVID-19 Vaccine Storage and Beyond-Use Tracking Labels

<https://www.cdc.gov/vaccines/covid-19/info-by-product/moderna/downloads/storage-handling-label.pdf>

Interim COVID-19 Immunization Schedule for Persons 6 Months of Age and Older

<https://www.cdc.gov/vaccines/covid-19/downloads/COVID-19-immunization-schedule-ages-6months-older.pdf>

## MODERNA BIVALENT DOSE TRACKING AND INVENTORY MANAGEMENT IN NYSIIS

- Use one tracker for each vial of Moderna bivalent vaccine. Each time you administer a Moderna bivalent booster shot, mark an X in the appropriate column on the tracker.
- If you administer **5 or more** booster shots from one vial, **do not report any wastage** for that vial in NYSIIS, even if there is vaccine remaining in the vial at the end of the clinic day.
- If you administer **fewer than 5** booster shots from one vial, **you must report wastage** for that vial in NYSIIS. For example: If you administer only 3 shots, report 2 doses as wasted.
- Report **all** Moderna bivalent booster shots as **1 full dose** in NYSIIS.
- **Never** pool vaccine from multiple vials to make a full dose.
- At the end of each clinic day, count the number of vials remaining in your cold storage unit(s). Multiply this number by 5, and adjust the dose count in your NYSIIS inventory to match.



Today's Date: _____ Staff Initials: _____  Lot #: _____  Vial was first punctured at: _____ <input type="checkbox"/> AM <input type="checkbox"/> PM  Vial must be discarded at: _____ <input type="checkbox"/> AM <input type="checkbox"/> PM  <i>*Discard vial 12 hours after first puncture or at the end of the clinic day.</i>	<b>Recipient is 12+</b> (Dose = 0.5 mL)	<b>Recipient is 6-11</b> (Dose = 0.25 mL)

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