Technical Bulletin

Date: March 30, 2022
Topic: COVID-19 Vaccine Additional Booster Dose Recommendations
Contact: Jessica Lamb, RN, Nevada State Immunization Program
To: All Health Care Providers and Facilities; Pharmacists; Local Health Authorities

Background:
On March 29, 2022, the U.S. Food and Drug Administration (FDA) granted an Emergency Use Authorization (EUA) - and the Centers for Disease Control and Prevention’s (CDC) expanded eligibility of a second booster dose of either the Pfizer-BioNTech or the Moderna COVID-19 mRNA vaccine for individuals 50 years of age and older, as well as booster dose of the Pfizer-BioNTech COVID-19 vaccine for individuals 12 years of age and older or the Moderna vaccine for individuals 18 years and older with moderate and severe immunosuppression following completion of a three-dose primary vaccination series. The Centers for Disease Control (CDC) has expanded its eligibility and updated the interim clinical considerations based on this authorization. The minimum interval between the first and second boosters is four months.

This technical bulletin summarizes recent additional booster dose recommendations for certain individuals. Based on emerging data, a second mRNA booster dose could help increase protection levels for higher-risk individuals.

Those eligible to receive the recommended additional mRNA (both Pfizer-BioNTech and Moderna COVID-19 vaccines) booster dose include:

- Certain immunocompromised individuals, including individuals 12 years and older who are moderately or severely immunocompromised;
- Individuals age 50 and older who received an initial booster dose at least 4 months ago who are not moderately or severely immunocompromised; and
- Adults (18-49 years old) who received a primary vaccine and booster dose of Johnson & Johnson’s Janssen COVID-19 vaccine at least 4 months ago.

This second booster dose recommendations facilitate making these COVID-19 mRNA vaccines available to populations at higher risk for severe disease, hospitalization and death.

The scientific evidence continues to demonstrate that a second booster dose of an mRNA COVID-19 vaccine increases individual protection further and is not associated with safety concerns.
The FDA amended the emergency use authorizations as follows:

- A second booster dose of the Pfizer-BioNTech COVID-19 vaccine or Moderna COVID-19 vaccine may be administered to individuals 50 years of age and older at least 4 months after receipt of a first booster dose of any authorized or approved COVID-19 vaccine.

- A second booster dose of the Pfizer-BioNTech COVID-19 Vaccine may be administered to individuals 12 years of age and older with certain kinds of immunocompromise at least 4 months after receipt of a first booster dose of any authorized or approved COVID-19 vaccine. A second booster dose of the Moderna COVID-19 vaccine may be administered at least 4 months after the first booster dose of any authorized or approved COVID-19 vaccine to individuals 18 years of age and older with the same certain kinds of immunocompromise.

Individuals who have received a COVID-19 vaccine primary series and the appropriately timed booster dose(s) are considered up to date with vaccination upon receipt of their specific recommended number of booster doses, when eligible.

Summary Table of Updated COVID-19 Booster Vaccine Guidelines:

<table>
<thead>
<tr>
<th>Which primary vaccine series did you complete?</th>
<th>Pfizer-BioNTech or Comirnaty</th>
<th>Moderna or Spikevax</th>
<th>Janssen (J&amp;J)</th>
</tr>
</thead>
<tbody>
<tr>
<td>You may get a single booster dose if:</td>
<td>It’s been at least 5 months since completing a primary series AND you are age 12+</td>
<td>It’s been at least 5 months since completing a primary series AND you are age 18+</td>
<td>It’s been at least 2 months since completing the primary vaccination AND you are age 18+</td>
</tr>
<tr>
<td>You may get a second booster dose if:</td>
<td>It’s been at least 4 months since the first booster dose AND you are age 50+ OR age 12+ with certain kinds of immunocompromise</td>
<td>It’s been at least 4 months since the first booster dose AND you are age 18+ with certain kinds of immunocompromise</td>
<td>It’s been at least 4 months since the first booster dose AND you are age 50+ OR age 18+ with certain kinds of immunocompromise</td>
</tr>
<tr>
<td>If eligible, you may get a second booster dose of:</td>
<td>Pfizer-BioNTech* Moderna</td>
<td>Pfizer-BioNTech Moderna</td>
<td>Pfizer-BioNTech Moderna</td>
</tr>
</tbody>
</table>

*Only Pfizer-BioNTech can be used for first and second booster doses in those ages 12 through 17.

For more information, visit www.fda.gov/covid19vaccines
It is important to note the primary goal of the COVID-19 vaccine response should continue to be COVID-19 vaccine administration to the unvaccinated.

Questions:
For updated guidance, please review the DPBH Technical Bulletin website and Nevada’s health response website regularly. Email dpbh covid19vax@health.nv.gov with questions.

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