If you are moderately to severely immunocompromised, you are at increased risk of severe COVID-19 illness and death. Additionally, your immune response to vaccination may not be as strong as in people who are not immunocompromised, so additional vaccine doses are needed.

On May 4, 2023, CDC updated its guidance on COVID-19 vaccine doses for everyone 6 months and older. The recommendations in this document are for people with weakened immune systems.

### Vaccination Schedules by Vaccine Type

#### Pfizer-BioNTech COVID-19 Vaccine

<table>
<thead>
<tr>
<th>Ages 6 months and older</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monovalent Pfizer-BioNTech vaccine is no longer recommended and should not be used. Anyone who began the series with monovalent vaccine should switch to bivalent vaccine at their next dose.</td>
</tr>
</tbody>
</table>

- **Dose 1**
  - Wait at least 3 weeks

- **Dose 2**
  - Wait at least 4 weeks
  - *NOTE: children aged 6 months–4 years must wait at least 8 weeks for this dose.*

- **Dose 3**
  - Wait at least 2 months

- **Dose 4 (must be bivalent)**
  - This dose is recommended for anyone who previously received only monovalent vaccine and is optional for those who previously received at least one bivalent vaccine.

#### Moderna COVID-19 Vaccine

<table>
<thead>
<tr>
<th>Ages 6 months and older</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monovalent Moderna vaccine is no longer recommended and should not be used. Anyone who began the series with monovalent vaccine should switch to bivalent vaccine at their next dose.</td>
</tr>
</tbody>
</table>

- **Dose 1**
  - Wait at least 4 weeks

- **Dose 2**
  - Wait at least 4 weeks

- **Dose 3**
  - Wait at least 2 months

- **Dose 4 (must be bivalent)**
  - This dose is recommended for anyone who previously received only monovalent vaccine and is optional for those who previously received at least one bivalent vaccine.

- **Additional bivalent doses may be given at the discretion of, and at intervals determined by, the patient's healthcare provider.**
- **Children 6 months through 5 years should receive the same vaccine brand for all bivalent doses.**
  
  The only exception is that children age 5 years who previously received Moderna bivalent may receive either Moderna or Pfizer-BioNTech for additional doses. From age 6 years on, either brand may be given regardless of which was used for earlier bivalent doses.
People 12 and older who previously received 1 or more doses of monovalent Novavax COVID-19 vaccine are recommended to receive 1 bivalent mRNA vaccine dose. Those unable or unwilling to receive mRNA vaccines may receive the two-dose Novavax series.

**Dose 1**
Wait 4–8 weeks

**Dose 2**
Wait at least 4 weeks

A Novavax booster dose is authorized in limited situations to people 18 years and older who are unwilling or unable to receive mRNA vaccine and would not otherwise receive a dose.