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. Even after receiving all recommended vaccines, LLS encourages blood cancer patients to take additional precautions, like wearing a mask and social distancing.

The charts below include information about the number and timing of COVID-19 vaccine doses for everyone 6 months of age and older. Individuals should consult with their healthcare provider about any changes to the number or timing of their doses due to their cancer diagnosis or its treatment, or receipt of monoclonal antibodies (you can find more information in our [COVID FAQs](#)).

### Moderna (Spikevax)

**Ages 6 months – 17 years**
- **Primary Dose 1**
- Wait 4 weeks
- **Primary Dose 2**
- Wait at least 4 weeks
- **Primary Dose 3**
- Wait at least 8 weeks (2 months)
- **Bivalent Booster**

**Ages 18 years and older**
- **Primary Dose 1**
- Wait 4 weeks
- **Primary Dose 2**
- Wait at least 4 weeks
- **Primary Dose 3**
- Wait at least 8 weeks (2 months)
- **Bivalent Booster**

The mission of The Leukemia & Lymphoma Society (LLS) is to cure leukemia, lymphoma, Hodgkin’s disease and myeloma, and improve the quality of life of patients and their families. Find out more at [www.LLS.org](http://www.LLS.org).
COVID-19 Vaccination Schedule for Moderately to Severely Immunocompromised Patients

**Pfizer-BioNTech (Comirnaty)**

**Ages 6 months – 4 years**
- Primary Dose 1
- Wait 3 weeks
- Primary Dose 2
- Additional primary dose for immunocompromised patients
- Wait at least 8 weeks
- Primary Dose 3

**Ages 5 – 11 years**
- Primary Dose 1
- Wait 3 weeks
- Primary Dose 2
- Additional primary dose for immunocompromised patients
- Wait at least 4 weeks
- Primary Dose 3
- Wait at least 8 weeks (2 months)
- Bivalent Booster

**Ages 12 years and older**
- Primary Dose 1
- Wait 3 weeks
- Primary Dose 2
- Additional primary dose for immunocompromised patients
- Wait at least 4 weeks
- Primary Dose 3
- Wait at least 8 weeks (2 months)
- Bivalent Booster

**NOTE:** Children 6 months through 4 years who have not yet begun their three-dose primary series of the Pfizer vaccine, or who not yet received their third dose, should receive the updated (bivalent) vaccine as the third primary dose. Those who already completed the three dose series using the monovalent vaccine are not eligible for an updated (bivalent) booster.

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Novavax

Ages 12 years and older

- **Primary Dose 1**
  - Wait 3 weeks

- **Primary Dose 2**
  - Wait at least 8 weeks (2 months)

- **Bivalent Booster**
  - Note: Bivalent mRNA vaccine (Moderna or Pfizer) should be used for booster dose.

Get vaccinated as recommended even if you had COVID-19

Keep practicing social distancing and masking

Talk to your healthcare team if unsure of your risk

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