It is recommended to use the same needle to withdraw and administer the dose whenever possible. If a second needle is required for administration, pull back on the syringe plunger until a small amount of fluid can be aspirated into the syringe. Be sure to wash your hands between each dose. If a new needle must be used, it is recommended to place it straight into the vial of vaccine after dilution and remove any excess fluid that may be present in the syringe. Discard the needle and syringe after use. 

Before dilution invert vaccine vial gently 10 times. Do not shake. 

1. Dilute the vaccine. 
   - Obtain sterile 0.9% Sodium Chloride Injection, USP. Use only bacteriostatic 0.9% Sodium Chloride Injection or any other diluent. 
   - Cleanse the vaccine vial stopper with a single-use antiseptic swab. Add 1.8 mL of 0.9% Sodium Chloride Injection, USP into the vaccine vial. 
   - This will result in a final concentration of 0.3 mL of vaccine per vial of 0.3 mL final dilution volume. 
   - To ensure aseptic technique, use a new needle for each vial. 
   - Your hand may become wet during the dilution process. 

2. After dilution, vials of Pfizer-BioNTech COVID-19 Vaccine contain six doses of 0.3 mL of vaccine. Low dead-volume syringes and/or needles can be used to extract six doses from a single vial. Choose a 3 mL syringe is recommended, although a 5 mL syringe is also acceptable. 

3. Before administering each dose, wash your hands. 

4. When administering a dose, wear the recommended personal protective equipment (PPE) including Full EUA Prescribing Information available at www.cvdvaccine-us.com. 

5. Do not pool excess vaccine from multiple vials. 

6. Dispose of used needles in a sharps container as medical waste to ensure they are permanently destroyed. Discard vial trays as medical waste so they cannot be reused. 

7. For transfers of frozen vials removed from storage at -25°C to -15°C (-13°F to 5°F): 
   - Open-lid vial trays, or closed-lid vial trays containing less than 195 vials, may be on the medical waste for up to 120 hours (5 days) following directed exposure to room temperature. 
   - For transfers of frozen vials removed from storage at -96°C to -60°C (-141°F to -76°F): 
   - Open-lid vial trays, or closed-lid vial trays containing less than 195 vials, may be on the medical waste for up to 120 hours (5 days) following directed exposure to room temperature. 

8. After dilution, vials of Pfizer-BioNTech COVID-19 Vaccine may be stored at temperatures between 2°C to 8°C (35°F to 46°F) for up to 24 hours (1 day) 

9. Dispose of unused (i.e., unopened) vials in the tray at the time the vials are at -25°C to -15°C (-13°F to 5°F) should not exceed 2 weeks. Vials may be returned to frozen storage and should be thawed for use. Do NOT return to frozen storage. 

10. Do not freeze. 

11. Do not store at room temperature. 


14. Your guide to proper storage, handling, and administration for the Pfizer-BioNTech COVID-19 Vaccine 

15. Plan ahead. Tally the number of doses needed for the immunization session using a system that works for your staff. 

16. Adjustments to remove air bubbles should be done with the needle still in the vial to avoid loss of vaccine. 

17. Before dilution invert vaccine vial gently 10 times. Do not shake. 

18. Discard vial trays, or closed-lid vial trays containing less than 195 vials, may be on the medical waste for up to 8 hours before they can be reconstituted. 

19. Discard vial trays, or closed-lid vial trays containing less than 195 vials, may be on the medical waste for up to 8 hours before they can be reconstituted. 

20. Discard vial trays, or closed-lid vial trays containing less than 195 vials, may be on the medical waste for up to 8 hours before they can be reconstituted. 

21. Discard vial trays, or closed-lid vial trays containing less than 195 vials, may be on the medical waste for up to 8 hours before they can be reconstituted.