

Pfizer-BioNTech COVID-19 Vaccine

Vaccine Preparation



Prepare the injection with the correct needle length based on the recipient's age, gender, and weight (for persons 19 years of age and older).

- Use aseptic technique to mix the vaccine and prepare the injection.
- Prepare the vaccine using a **NEW** vial of diluent and a **NEW** vial of vaccine **EVERY TIME**.
- Prepare the injection using a new, sterile needle and syringe **EVERY TIME**.



» Mixing Vaccine

Do



Use the needles and syringes labeled for mixing vaccine and diluent in the ancillary supply kit.



Use 0.9% sodium chloride (normal saline, preservative-free) **ONLY**.



Mix 1.8 mL of the diluent with the thawed vaccine.* Slowly inject diluent to prevent excess foaming or bubbling.



Gently invert the vial 10 times before and after adding the diluent.



Discard the diluent vial after mixing the vaccine.

Don't



Do **NOT** use needles and syringes designated for administration to mix vaccine and diluent.



Do **NOT** use bacteriostatic normal saline or other diluents.



Do **NOT** use all the diluent in the vial.



Do **NOT** shake the vial.



Do **NOT** use or save any remaining diluent to mix with additional vials of vaccine or for other uses.

*Using a 21-gauge or narrower needle

» Withdrawing 6 doses of vaccine from the vial

After mixing, a vial of Pfizer-BioNTech COVID-19 vaccine contains up to six 0.3 mL doses of vaccine. Use low dead-volume syringes and/or needles to withdraw 6 doses.

- If sufficient quantities of low-dead volume syringes are not available, withdraw vaccine using a combination of low dead-volume syringes and non low-dead volume syringes (e.g., 3 low dead-volume syringes and 3 non-low dead-volume syringes) per vial.

Do



When mixing and withdrawing vaccine, insert the needle into different places on the vial septum.



Leave syringe in vial to remove air bubbles, when applicable.



If, after withdrawing 5 doses, the amount of vaccine left in the vial is not a full dose, discard the vial and remaining vaccine.

Don't



Do **NOT** use the same insertion point every time. This may cause vaccine to leak from the vial.



Do **NOT** remove air bubbles with the needle outside of the vial as vaccine can be easily lost in the process.



Do **NOT** combine remaining vaccine from multiple vials to obtain a full dose.