

# Pfizer-BioNTech COVID-19 Vaccine

## Vaccine Preparation



Prepare the injection with the correct needle length based on the recipient's age. Gender and weight should be considered for adults 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 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 per vial.

#### Do



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



Leave needle 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.