### Preparation of Pfizer BioNTech COVID-19 Vaccine for 6 Months to 4 YRS

**DILUTE PRIOR TO USE (Vials with Maroon Cap and Maroon Label Border)**

#### VIAL and DOSE VERIFICATION

| ![Vial Image] | • Verify that the vial has a maroon plastic cap and a maroon label border. Do not use COMIRNATY vials with an orange plastic cap/orange label border, purple plastic cap/purple label border or gray plastic cap/gray label border to prepare doses for individuals aged 6 months to <5 years.  
• The date printed on the vial and carton reflects the date of manufacture. The vaccine should not be used after 12 months from the date of manufacture printed on the vial and carton. |
| Maroon plastic cap and maroon label border |

#### THAWING PRIOR TO DILUTION

| ![Refrigerator Image] | • Thaw vial(s) of COMIRNATY before use either by:  
  o Allowing vial(s) to thaw in the refrigerator [2°C to 8°C (35°F to 46°F)]. A carton of 10 vials may take up to 2 hours to thaw, and thawed vials can be stored in the refrigerator for up to 10 weeks.  
  o Allowing vial(s) to sit at room temperature [up to 25°C (77°F)] for 30 minutes.  
  o Vials may be stored at room temperature [up to 25°C (77°F)] for up to 12 hours prior to dilution. |
| Can be stored in the refrigerator (2°C to 8°C) for up to 10 weeks prior to use |
### DILUTION

- Before dilution, allow the thawed vial to come to room temperature.
- When at room temperature, mix by inverting vaccine vial gently 10 times.
- Do not shake.
- Inspect the liquid in the vial prior to dilution. The liquid is a white to off-white suspension and may contain white to off-white opaque amorphous particles.
- Do not use if liquid is discoloured or if other particles are observed.

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Add 2.2 mL of Sterile 0.9% Sodium Chloride Injection, USP

- Obtain sterile 0.9% Sodium Chloride Injection, USP. Use only this as the diluent.
- Using aseptic technique, withdraw 2.2 mL of diluent into a transfer syringe (using 21-gauge or narrower needle).
- Cleanse the vaccine vial stopper with a single-use antiseptic swab.
- Add 2.2 mL of 0.9% Sodium Chloride Injection, USP into the vaccine vial.
- Equalize vial pressure before removing the needle from the vial by withdrawing 2.2 mL air into the empty diluent syringe.

- Gently invert the vial containing COMIRNATY 10 times to mix.
- Do not shake.
- Inspect the vaccine in the vial.
- The vaccine will be a white to off-white suspension. Do not use if vaccine is discoloured or contains particulate matter.
- Record the date and time of first vial puncture (dilution) on the COMIRNATY (for age 6 months to <5 years) vial label.
- Store between 2°C to 25°C (35°F to 77°F).
- Do not freeze or shake the diluted vaccine. If refrigerated, allow the diluted vaccine to come to room temperature prior to use.
- Discard any unused vaccine 12 hours after dilution.

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- Using aseptic technique, cleanse the vial stopper with a single-use antiseptic swab, and withdraw 0.2 mL of COMIRNATY (for age 6 months to <5 years) preferentially using a low dead-volume syringe and/or needle.
- Each dose must contain 0.2 mL of vaccine.
- If the amount of vaccine remaining in the vial cannot provide a full dose of 0.2 mL, discard the vial and any excess volume.
- Administer immediately, and no later than 12 hours after dilution.
- Low dead-volume syringes and/or needles can be used to extract 10 doses from a single vial. In order to ensure consistent withdrawal of 10 doses of 0.2 mL, it is important to adhere to minimizing volume loss during dose extraction.