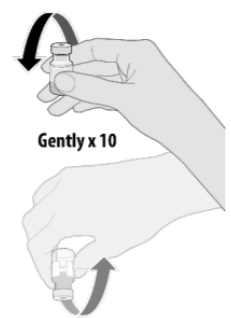
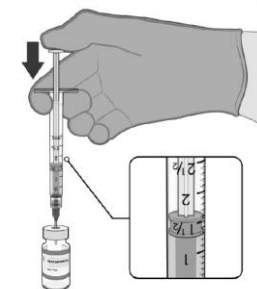
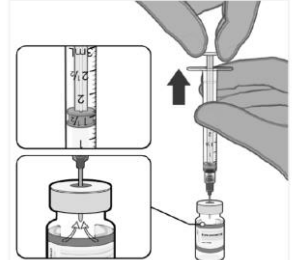
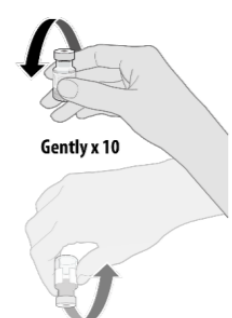



# Preparing Comirnaty (Pfizer) **PAEDIATRIC** COVID-19 vaccine for administration

## DILUTION




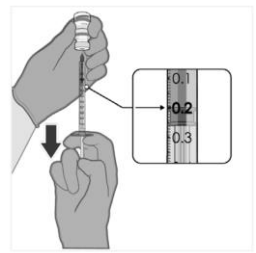
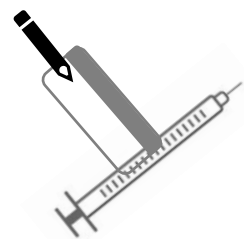
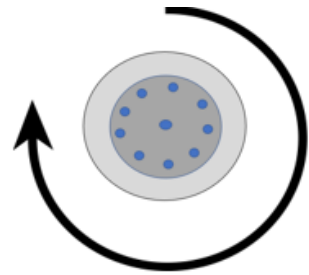
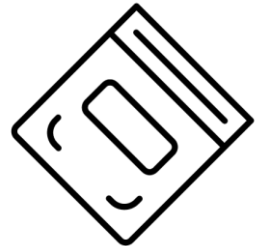
**Vaccine is fragile: DO NOT SHAKE**

1.	2.	3.	4.	5.	6.
<p><b>Prepare workstation and materials</b></p> <ul style="list-style-type: none"> <li>• Single use alcohol 70% swabs x 2</li> <li>• Alcohol-based hand rub (ABHR)</li> <li>• 21 Gauge needle</li> <li>• 3mL syringe</li> <li>• 0.9% sodium chloride 0.9% 10mL ampoule</li> <li>• Pen (for labelling)</li> <li>• Yellow clinical waste bin</li> <li>• Red zip-lock bags labelled for 'DO NOT USE STOCK'</li> </ul>	 <p>Gently x 10</p>	 <p>1.3 mL of 0.9% sodium chloride</p>	 <p>Pull back plunger to 1.3 mL to remove air from vial.</p>	 <p>Gently x 10</p>	 <p>Discard 6 hours after dilution.</p> <p>12 hrs</p>
<p>Clean surface of workstation and perform hand hygiene with ABHR. Check expiry date of labelled container of vaccine vial &amp; sodium chloride 0.9% ampoule.</p> <p>It is important that only one vial is removed from labelled container at a time when preparing vaccine.</p> <p><i>Perform visual check of the suspension and check for contamination.</i></p> <p><i>DO NOT USE expired vials – place expired vials in RED zip-lock bag labelled “DO NOT USE STOCK” and put in refrigerator – alert Vaccination Site Coordinator to contact Vaccine Operation Centre.</i></p>	<p>Once the vaccine is at room temperature, assign a 2-hour room temperature expiry.</p> <p>Gently invert vial 10 times. <b>Do not shake the vial.</b></p> <p>The vaccine is white to off-white in colour and may contain opaque particles</p> <p><i>DO NOT USE if vial is shaken or discoloured – place vial in RED zip-lock bag labelled “DO NOT USE STOCK”</i></p>	<p>Remove plastic cap and use a single use alcohol 70% swab to clean vial stopper. Use another swab to wipe top and shoulders of 0.9% sodium chloride ampoule. Allow to dry.</p> <p>Use a 21-gauge needle to draw up <b>1.3mL</b> of sodium chloride 0.9% into a 3 mL syringe. Discard remainder of sodium chloride 0.9% ampoule.</p> <p>Puncture the <b>centre</b> of the sterilised vial stopper/bung and slowly inject <b>1.3mL</b> of sodium chloride 0.9% into the vaccine vial</p>	<p>Equalise the vial pressure before removing the needle from the vial stopper by withdrawing 1.3 mL of air into the empty diluent syringe.</p>	<p>Gently invert the diluted vaccine <u>10 times</u>.</p> <p><b>Do not shake the vial.</b></p> <p>The diluted vaccine will be off-white in colour, with no particles.</p> <p><i>DO NOT USE if vial is shaken, discoloured, or contains particles – place vial in Red zip-lock bag labelled “DO NOT USE STOCK”</i></p>	<p>Write the date and time (use 24h clock, e.g. 17:00) of post dilution expiry on the vial label in the “DISCARD” section.</p> <p>The expiry is <b>12 hours from the point of dilution</b>, but it is preferable to use immediately.</p> <p><i>Place any wasted vials, e.g. expired, in the RED zip-lock bag labelled “DO NOT USE STOCK”</i></p>

# Preparing Comirnaty (Pfizer) PAEDIATRIC COVID-19 vaccine for administration

## DRAWING UP INTO SYRINGE

Vaccine is fragile: **DO NOT SHAKE**

7.	8.	9.	10.	11.	12.
<p><b>Prepare workstation and materials</b></p> <ul style="list-style-type: none"> <li>• Single use alcohol 70% swabs x 10</li> <li>• 23 Gauge x 25mm needle x 10</li> <li>• 1mL syringe x10</li> <li>• Diluted vial</li> <li>• Pen (for labelling)</li> <li>• Yellow clinical waste bin</li> <li>• Red zip-lock bags labelled for 'DO NOT USE STOCK'</li> </ul>	<p><b>Cleanse diluted vaccine vial</b></p> 	<p><b>Draw up dose</b></p>  <p>0.2 mL diluted vaccine</p>	<p><b>Prepare the syringe</b></p> 	<p><b>Withdraw additional doses</b></p> 	<p><b>Discard used vial</b></p> 
<p>Check the assigned handwritten post dilution expiry on the label of the vaccine vial has not been exceeded.</p> <p>Carefully perform visual check of solution and check for contamination.</p> <p><b>Do not shake the vial.</b></p> <p><i>DO NOT USE if vial is expired, discoloured, or contains particles – place vial in Red zip-lock bag labelled "DO NOT USE STOCK".</i></p> <p><i>Place in refrigerator and alert the Vaccination Site Coordinator to contact Vaccine Operation Centre.</i></p>	<p>Use a single use alcohol 70% swab to clean vial stopper. Allow to dry.</p> <p>Using aseptic technique, draw back <b>0.2mL</b> of air into an empty 1mL syringe with 23G x 25mm needle. <b><u>Use only ONE syringe at a time</u></b></p> <p>Do NOT pre-draw air into syringes to reduce the risk of air administered</p>	<p>Puncture the vial stopper/bung of the diluted vaccine vial, Ensure the bevelled edge is - equalising pressure by injecting air into the vial.</p> <p>Draw up <b>0.2mL</b> of the diluted vaccine.</p> <p>Adjust to remove air bubbles <u>with the needle still in the vial</u> to avoid loss of diluted vaccine.</p> <p><b>Do not shake or tap syringe.</b></p> <p>Check volume withdrawn is <b>0.2mL</b> and then remove needle from vial.</p>	<p>If not immediately administering the dose, cap the needle using the needle recapping device or using the one hand scoop technique, label syringe and place in container for administration.</p> <p>Details required on the label:</p> <ul style="list-style-type: none"> <li>• Batch Number</li> <li>• Dilution Date and Time</li> <li>• Expiry Date and Time</li> <li>• Initial of person preparing dose</li> <li>• Initial of person providing second check</li> </ul>	<p>Repeat steps 7-10 for each additional dose.</p> <p>A total of <b>ten</b> doses may be prepared from each diluted vaccine vial.</p> <p>Each time the vial stopper is punctured, this must be in a different location to previous points of puncture on the stopper. Work in a clockwise manner around the stopper for each dose withdrawal.</p>	<p><b>Check the vial for remaining liquid to ensure all doses were withdrawn appropriately</b></p> <p><b>Do not use vaccine from multiple vials to make up a dose.</b></p> <p>Once all possible doses have been removed place vials in designated red zip-lock bag labelled "DO NOT USE STOCK".</p>