

Handling and administration for the COVID-19 Pfizer vaccine – COMIRNATY™

**KEEP
ON TOP OF
COVID**

This is a two person process to ensure all checks are maintained and the risk for error is minimised.

1. Perform hand hygiene.
2. Gather equipment: 6 x 1ml syringes, 6 x 25G needles, 1 x 3ml syringe, 1 x 21–22G drawing up needle, sodium chloride (NaCl) (0.9%) 10ml ampoule, alcohol swab.
3. Perform hand hygiene.
4. Gather 6 x 1ml syringes on to a clean workbench and lay these side by side. Unpeel the packaging to reveal half of the syringe with the tip protected within the packaging.
5. Gather and open 6 x 25G needles. Unpeel the packaging with the hub protected within the packaging. Lay side by side next to open syringes.
6. Perform hand hygiene.
7. Check fridge temperature.
8. Select one Multi Dose Vial (MDV) from the container stored in the vaccine fridge.
9. Check consistency and integrity of the MDV, this should appear as a white or opaque liquid.
10. Gently invert the MDV 10 times.
(DO NOT SHAKE)
11. Perform hand hygiene.
12. Remove cap from MDV.
13. Use alcohol wipe to clean the MDV membrane.
14. Allow membrane to dry for 30 seconds. Attach a 21-22G needle to a 2/3ml syringe draw up 1.8mls of sterile sodium chloride (NaCl) (0.9%) for injection, maintaining aseptic non touch technique (ANTT). Check syringe with a colleague to ensure there is 1.8mls drawn up.
15. Gently inject the NaCl into the MDV.
16. Withdraw 1.8mls of air to equalise volume and pressure of MDV.
17. Keeping the needle and syringe in the vial, and maintaining ANTT, gently invert the MDV 10 times. **(DO NOT SHAKE)**
18. Using ANTT detach the 2/3ml syringe and discard.
19. Attach a 1ml syringe to the 21-22G needle.
20. Gently draw up 0.3mls into the syringe.
21. Using ANTT disconnect the syringe **from the needle leaving the needle in the MDV.**
22. Attach a 25G needle to the syringe and place in the tray for administration.
23. **Repeat steps 19 to 22 for the next five doses.**
24. Once all six doses are prepared, complete a vaccine label and place on the lid of the container that the vaccines are stored in.
25. Store the drawn up vaccines in the vaccine fridge/esky at 2-8° Celsius.
26. Transport syringes to vaccination station in an opaque container to protect from light.

Discard any unused vaccine 6 hours after dilution.

If a full dose can not be drawn up from the remaining liquid in the MDV, it must be discarded as doses cannot be drawn up from multiple MDVs.