

INSERTION OF SUBCUTANEOUS BUTTERFLY (USING SAF-T-INTIMA SYSTEM)

Equipment:

24 gauge Intima Safety System Butterfly
Adherent occlusive clear dressing
Gloves
Alcohol swab
0.9% Sodium Chloride for injection to prime line
Sterile 1ml syringe
Drawing up needle
Sterile injectable bung
Kidney dish
Sharps container

Procedure

1. Draw up 0.3 mls of 0.9% Sodium Chloride.
2. Remove cap from Y adaptor port.



3. Prime the Butterfly via the Y adapter port with 0.9% Sodium Chloride until the saline solution has reached the tip of the guide needle.
4. Clamp off the Intima Safety System Butterfly line by using the attached clamp.
5. Remove syringe from Y adapter port and apply bung to port.
6. Take equipment in clean kidney dish to resident's bedside.
7. The most appropriate area for butterfly insertion is the abdomen: below the waist to just above the hip bone and from the side to about 2 inches from the belly button. Avoid the belly button.



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9. Wash hands and put on gloves.
10. Swab, in a circular motion, with an alcohol swab, the chosen area in which butterfly is to be inserted. Allow to air dry.
11. Hold wings of Intima Safety System Butterfly together and remove protective cap.
12. Insert needle end of the butterfly at a forty five degree angle into the designated and swabbed skin region of the patient, leaving approximately three millimetres of the cannula out of the skin.
13. Release butterfly wings.
14. Apply adherent occlusive dressing over insertion site and wings of butterfly.
15. Unclamp tubing of Intima butterfly and support the insertion site whilst firmly but gently removing guide needle by pulling on the white cap.



16. Dispose of the guide needle into the sharps container immediately.
17. Write on adherent occlusive dressing the time and date of butterfly insertion.
18. It is usual to flush the butterfly with sodium chloride after each medication however some facilities prefer to prime the line with the ordered medication which means that flushing should not be required – check the facility's process.
19. Observation of the butterfly site is required on prior to any medication administration and at least once per shift. If any change is evident in the skin surrounding the insertion site (i.e. irritation, redness swelling, medication leakage or resident expressing discomfort), remove and discard it appropriately.
20. The Intima Safety System Butterfly maybe left insitu for up to seven days as per manufacturer's recommendations.
21. Document in resident's progress notes

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