

Butterfly IV insertion:

1. Set-up all equipment (hearts pumping, flush syringe full, tape cut, tourniquet out, gauze and alcohol ready, butterfly)
2. Glove
3. Check the needle for barbs etc. Loosen the cap on end of tubing.
4. Put on tourniquet (4-6 " above insertion site)
5. Palpate vein
6. Alcohol towards the heart
7. Apply counter-traction with non-dominant hand
8. Anchor the dominant hand
9. Angle needle at 30 degrees and insert ("poke coming")
10. Stop to look for flash
11. Insert a 'titch' further
12. Lower needle and insert the rest of the way
13. Put a piece of tape across the wings
14. Back flow the blood to get rid of air in tubing
15. Take off tourniquet
16. Pinch the butterfly tubing and attach to flush
17. Flush
18. Finish taping with an 'H'
19. Clean up space

Over-the-catheter IV insertion:

1. Set-up all equipment (hearts pumping, flush syringe full, tape cut, tourniquet out, gauze and alcohol ready, over-the-needle catheter)
2. Glove
3. Check the needle for barbs, etc. Loosen the cap.
4. Put on tourniquet (4-6 " above insertion site)
5. Palpate vein
6. Alcohol towards the heart
7. Apply counter-traction with non-dominant hand
8. Anchor the dominant hand
9. Angle needle at 30 degrees and insert ("poke coming")
10. Stop to look for flash
11. Insert a 'titch' further
12. Lower needle and insert the rest of the way (using the 'lip')
13. Three blood flow stoppers: take off tourniquet, leave the needle in, and use the 4-1&2 hold on the catheter
14. Pick up flush tubing and remove cap.
15. "One out and one in"...attach flush to catheter
16. Flush
17. Make sure the 'lip' is on the top of the catheter
18. Dry any blood
19. Pick up tape with fingers 2 and 4
20. Lift catheter and slide tape under. Lower catheter
21. Secure using a chevron (cross-over approach). Make sure the tape is touching the catheter on both sides, and isn't touching the insertion site
22. Clean up work space.