

## Removal of Intravenous Needle with Cannula

### Procedure

1. Retransfuse blood at end of treatment, per protocol.
2. Prepare gauze with a dab of antibacterial cream/ointment.
3. Ensure extracorporeal lines are clamped.
4. Ensure arterial needle is clamped.
5. Ensure venous needle is clamped.
6. Do not disconnect extracorporeal lines from arterial and venous needles.
7. Remove venous needle dressing.
8. Apply gauze with dab of cream/ointment to venous needle buttonhole (BH) site.
9. Apply gentle digital pressure to the venous BH needle site with the free hand.
10. With access hand grip the venous blood circuit tubing between thumb and forefinger and withdraw needle completely while continuing to apply digital pressure with the free hand to BH site.
11. Allow hemostasis to occur.
12. Apply bandage.
13. Remove arterial needle dressing.
14. Repeat steps 8 through 12.
15. Continue with end of treatment protocol.

### Supplies

- 1 Clean towel
- 3 Package 4 × 4 gauze
- 2 Bandages
- 1 Antibacterial cream/ointment

Protocol adapted with permission from University Health Network, Toronto, Ontario, Canada, cannulation protocol.