Peripheral Venous Cannulation

Preparing for the procedure

1. Explain procedure to patient, discuss indications and gain verbal consent.
2. Expose limb.
3. Clean hands.
4. Assemble equipment required for cannulation.
5. Apply tourniquet, palpate for vein, release tourniquet.
6. Prepare site for insertion removing hair if necessary.
7. Use an alcohol swab to cleanse the site chosen for IV cannulation (allow to dry properly prior to inserting cannula).
8. Wash hands and don gloves, set up aseptic field.

Performing the procedure

1. Apply tourniquet.
2. Select appropriate cannula and remove cannula sheath.
3. Ensure that the bevel is facing upwards.
4. Insert into vein (at 20–40 degrees) and observe for flashback.
5. Hold needle still and advance cannula forwards.
6. Release tourniquet.
7. Apply pressure over vein.
8. Withdraw needle and dispose into sharps container.
9. Screw on cap or injection port.
10. Secure into position with appropriate transparent dressing.
11. Flush cannula with pre-prepared and checked n/saline.

Documentation

1. Document date, time and reason for cannulation.

Additional information

1. Flushing is recommended to promote and maintain patency.

References


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