

Guidelines for Central Venous Catheter (CVC) Care

Purpose

1. To measure right atrial pressure and assess the heart's ability to receive and eject blood.
2. To serve as an access route for fluid infusion, medication administration, or parenteral nutrition.

Points for Attention

1. Keep the wound site clean and dry.
2. Check daily for redness, swelling, heat, pain, or pus-like discharge.
3. Bathing precautions: Ensure the dressing covering the injection site remains dry. Sponge baths are strongly recommended.
4. Be careful when turning over, changing diapers, getting out of bed, or changing clothes to avoid pulling on the catheter.
5. If the injection site is on the neck, wearing front-button shirts is recommended to prevent accidental pulling while changing. If the site is in the groin area (inguinal), loose trousers with elastic waistbands are recommended.
6. If the patient experiences an itching sensation at the insertion site, please inform the nurse. Do not remove the catheter yourself.
7. During infusion, keep the IV bag/bottle higher than the injection site to prevent blood backflow and blockage. If the drip stops, notify the nurse immediately.
8. Do not compress the catheter while sleeping. If the catheter is placed in the groin, minimize bending the thigh or getting out of bed. Avoid sitting at a 90-degree angle to prevent blood backflow, blockage, twisting, or dislodgment.
9. If the patient has impaired consciousness or is unable to cooperate, and the physician has ordered restraints, family members must not loosen the restraint straps. Nursing staff will check regularly to prevent the patient from pulling out the catheter and causing injury.
10. If notice the catheter has slipped out, call the nursing staff for assistance immediately.

Please notify nursing staff immediately in the following situations:

1. The dressing at the injection site falls off, becomes wet, or is soiled.
2. There is a wound or blister at the site, or redness, swelling, warmth, or pain around the insertion point.
3. There is blood residue or clotting visible inside the catheter.
4. The injection cap falls off.

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