



Health education Number: PED-125

Set date:2016.06.30

Revised date:2022.04.27

Review date:2023.10.03

How to care the children's peripheral intravenous line?



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All information above has been reviewed by Pediatric specialists
Edited and published by the Department of Nursing,
Taichung Veterans General Hospital

The intravenous catheter is the most common medical device for fluid therapy, nutrition support, medication infusions and blood transfusions. Therefore, there is several information that we would like to let you know the duration of intravenous therapy.

I.How to care the intravenous catheter

1.Keep dry.



It is vulnerable to infection when the injection site is wet. Avoid getting the injection site wet when you wash your hands or shower. It is necessary to cover up the catheter site with plastic bag when shower.



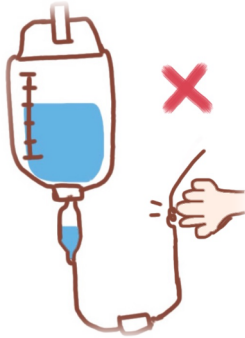
2.Fixed.



(1) We use a splint to ensure these are positioned and strapped with the limb and digits in a neutral position to prevent catheter dislodgement.



(2) You can use a handkerchief or diaper to wrap up the catheter site to prevent your kid from pulling the catheter or removing catheter site.

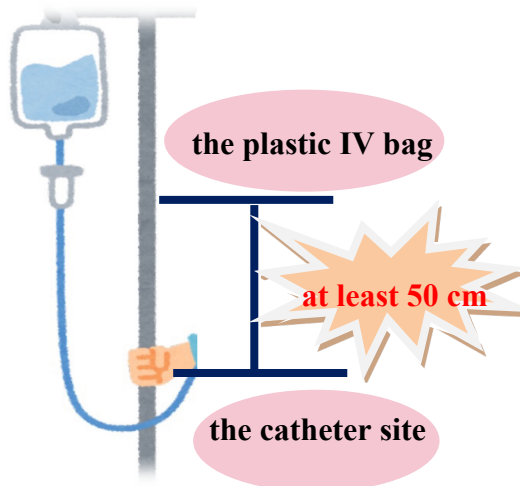


(3) Please stop and appease when the child has the behavior of pulling on the IV catheter. To keep the infusion smooth, always pay attention to whether the drip line is pressed or pulled.

1. II. Precautions for using the infusion fluid

1. Adjust the height to avoid blood return from the catheter.

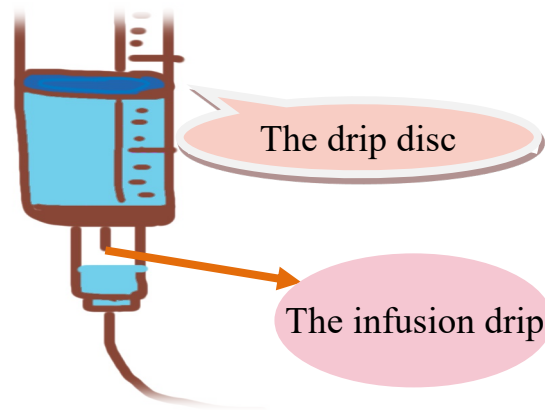
To prevent the blood return from the catheter, please keep an appropriate distance at least 50 cm from the catheter site to the plastic IV bag. Always keep the plastic IV bag above the catheter site around 50 cm while holding your baby up.



2. The situation of the infusion fluid :

(1) Please notify your nurse if the drip disc is covered to the bottom.

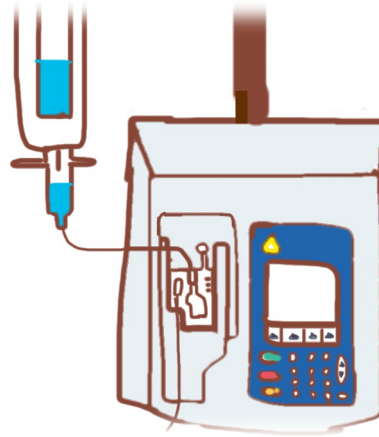
(2) The nurse will notice the dripping, so please pay attention to whether the dripping is dripping or dripping too fast.



III. Precautions for using the infusion pump.

1. The infusion pump should be plugged at the bedside and operated if the power fails or is unplugged.
2. After returning to the ward, you need to plug it back into the socket to charge. If there is a sound of insufficient power, please go back to the ward and plug it in immediately.
3. If you hear the alarm sound like “bee- bee”, please inform your nurse as soon as possible.

4. We use an infusion pump to control the volume of fluid, The height of the patient will not affect the drip speed.



IV. Please notify your nurse if the catheter site under the situations:

1. The infusion pump alarm.
2. The infusion fluid stop dripping.
3. Blood return from the catheter site.
4. The dressing oozing or pain from the catheter site.
5. The splint or bandage loose.



V.Conclusion:

Keep the intravenous catheter site dry and avoid it getting wet when washing your hands. You can use a handkerchief or diaper to tape up the catheter site to prevent your kid from pulling the catheter or removing catheter site. Keep an appropriate distance at least 50 cm from the catheter site to the plastic IV bag. If use an infusion pump, should be plugged at the bedside and operated if the power fails or is unplugged, if you hear the alarm sound like “bee- bee”, please inform your nurse as soon as possible.



VI.Reference:

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Let's take a test to confirm that you have a thorough understanding.

1. When washing hands or taking a bath, avoid letting the injection site come into contact with water.
 YES NO Not sure

2. A splint will be used at the joint to prevent bending of the injection site.
 YES NO Not sure

3. When the drip chamber reaches the bottom, there is no need to notify the nurse for handling.
 YES NO Not sure

4. Keep the injection site dry, avoid getting it wet when washing hands. If younger children tend to pull on the tubing or drool, causing the injection site to get wet, you can use a small towel or a clean diaper to cover the injection site.
 YES NO Not sure

5. The number of drops is controlled by the machine, and there is no need to check for drops. The patient's height does not affect the drip rate
 YES NO Not sure