

Can my child shower with the IV cannula?

Showering is possible while having the IV cannula in place. The IV cannula site can be covered with a protective sheet to protect and keep the dressing clean and dry. Please approach our nurses for assistance.

What are the likely complications that may arise?

Your child may experience some of the following occurrences while he has the IV cannula:

- Phlebitis – Inflammation of the vein
- Infiltration – Infusion of fluid and/or medication outside the intravascular space into the surrounding soft tissue
- Extravasation – The leakage of intravenously infused medications into the extravascular tissue around the site of infusion

What do I need to observe post-IV cannulation?

We seek your active participation in the monitoring of the IV site at least hourly to 2-hourly by referring to the 'CHILD' poster.

What should I do if my child develops any of the occurrences?

Inform the nurse **immediately**. The nurse will assess the IV cannula site. The IV cannula will be removed if it is deemed to be not functioning. A new cannula will be re-inserted if your child still requires IV infusion.

The information provided in this publication is meant purely for educational purposes and may not be used as a substitute for medical diagnosis or treatment. You should seek the advice of your doctor or a qualified healthcare provider before starting any treatment or if you have any questions related to your health, physical fitness or medical condition.

Information is correct at the time of printing (May 2020) and subject to revision without prior notice.

About the Khoo Teck Puat – National University Children's Medical Institute (KTP-NUCMI)

The KTP-NUCMI is the paediatric arm of the National University Hospital and comprises the Departments of Paediatrics, Paediatric Surgery and Neonatology. We provide comprehensive and specialised medical and surgical services for newborns, children and adolescents. NUH is the only public hospital in Singapore that offers paediatric kidney and liver transplant programmes. Through a generous gift from the Estate of Khoo Teck Puat, we have set up an integrated outpatient facility with medical, diagnostic and rehabilitation services.

For more information about us, visit www.nuh.com.sg/ktp-nucmi.

Contact Us

24-hour Children's Emergency

Location: NUH Main Building, Zone F, Level 1
General Enquiry: +65 6772 5000

KTP-NUCMI

Location: NUH Main Building, Zone E, Level 2
(Accessible via Kent Ridge Wing, Zone C, Level 2, Lift Lobby C)
Operating Hours: 8.30am – 5.30pm (Mon to Fri), 8.30am – 12.30pm (Sat)
General Enquiry: +65 6772 5736 Appointment Line: +65 6908 2222
Email: ktpnucmi_appt@nuhs.edu.sg

9a Viva-University Children's Cancer Centre

Location: NUH Medical Centre, Zone B, Level 9
Operating Hours: 8am – 5.30pm (Mon to Fri)
Appointment Line: +65 6772 5030 Fax: +65 6872 4314
Email: cbccappt@nuhs.edu.sg

NUH Children's Urgent Care Clinic @ Bukit Panjang

Location: Junction 10, 1 Woodlands Road, #01-22, Singapore 677899
Operating Hours: 9am – 11pm daily (including public holidays)
General Enquiry: +65 6219 1538 Email: childrenucc@nuhs.edu.sg
Website: www.nuh.com.sg/ucc

NUH Child Development Unit @ JMC

Location: Jurong Medical Centre,
60 Jurong West Central 3, Level 2, Singapore 648346
Operating Hours: 8.30am – 5.30pm (Mon to Fri)
Appointment Line: +65 6665 2530/2531 Fax: +65 6665 0158
Email: cdu@nuhs.edu.sg Website: www.nuh.com.sg/cdu

NUH Child Development Unit @ Keat Hong

Location: Keat Hong Community Club,
2 Choa Chu Kang Loop, #03-01, Singapore 689687
Operating Hours: 8.30am – 5.30pm (Mon to Fri)
Appointment Line: +65 6769 4537/4637 Fax: +65 6665 0158
Email: cdu@nuhs.edu.sg Website: www.nuh.com.sg/cdu

National University Hospital

Location: 5 Lower Kent Ridge Road, Singapore 119074
Tel: +65 6908 2222 Email: contactus@nuhs.edu.sg
Website: www.nuh.com.sg



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NUH Campus Map

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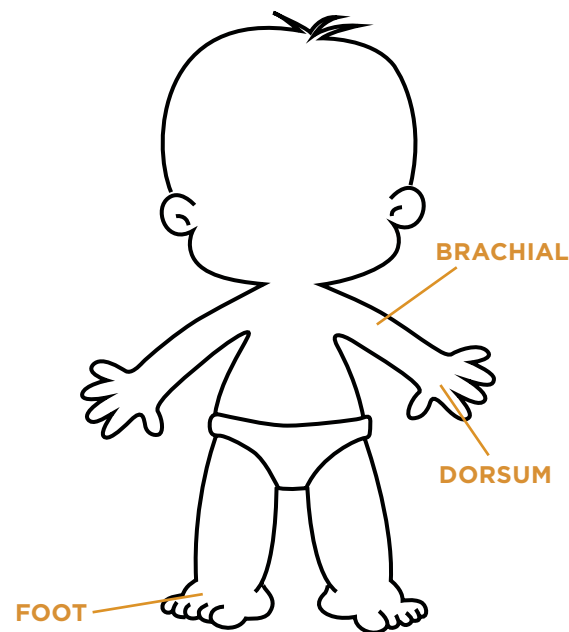
Care Of My Child's Intravenous Cannula



What is an intravenous (IV) cannula?

It is a sterile plastic catheter that is inserted into the vein for the administration of medications, fluids and/or blood products.

What are the common sites for IV cannula?



What will happen during IV cannulation?

Your child will be brought to the ward's treatment room. The doctor and/or nurse will insert the IV cannula into the child's foot or hand.

How long is the IV cannulation process?

The process will take about 30 minutes but may be extended, depending on the cooperation of your child and the visibility of your child's vein.

What can my child expect during IV cannulation?

Your child may experience some pain and discomfort as with any needle prick procedure. We aim to help your child by always selecting the most appropriate-sized needle to minimise the discomfort.

In addition, there are several measures to alleviate the pain. For instance, the nurses may decide to apply topical numbing agents such as cream or spray on your child.

We may also use a distraction apparatus – BUZZY® (where applicable). BUZZY® is a bee-shaped device that is placed near the site to be cannulated. This device helps to distract your child by using vibration and frozen wings before IV cannulation. Do note that this device can only be used for children above 2 years old.



In order to increase the success of cannulation at the first time, you can help to ensure your child remain as still as possible. Swaddling your child if he or she is extremely anxious or is unable to remain still may help as well.

Potential complications from moving during the process may lead to:

- Repeated attempts to cannulate
- Haematoma (bruise) at unsuccessful cannulated sites
- Added discomfort such as pain and further anxiety

How long does the IV cannula need to stay on my child?

An IV cannula is not intended to stay in place for a long time so it will be monitored closely using the 'CHILD' poster.

Inform the nurse if you notice **ANY** of the signs below:

TAKE CARE OF YOUR

Colour C Discolouration	
Heat H Warm to touch	
Increase in size I Swelling	
Leaking L Fluid leaking	
Discomfort D Discomfort or pain	