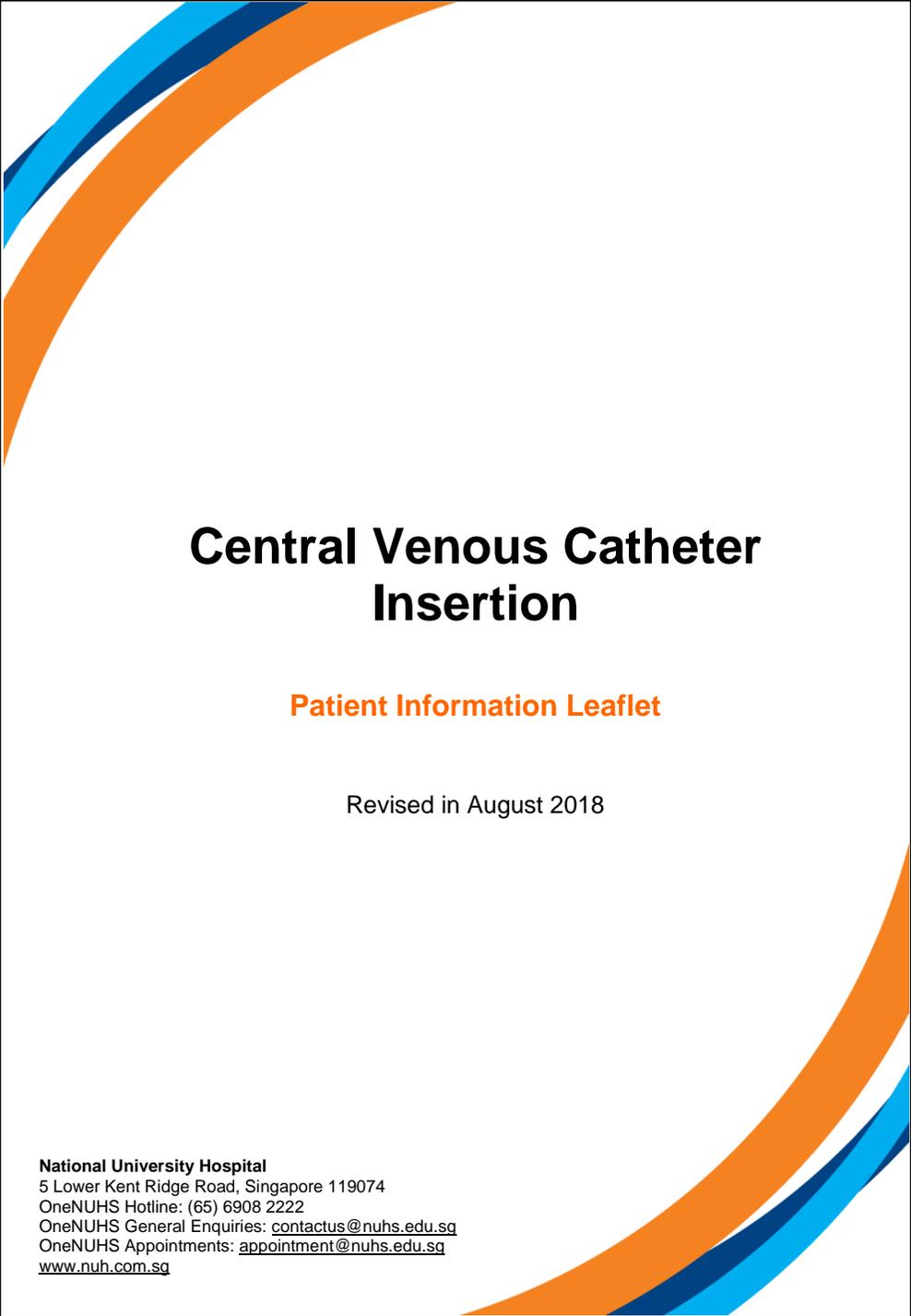


**Procedures applicable for the
CATHETER / STENT INSERTION information leaflet**

- Catheter / Tube Removal
- Catheter Change / Adjust, Vein
- Catheter Check / Adjust / Removal, Vein
- Central Venous Line Insertion
- Hickman line insertion
- Imaging Guided Percutaneous Gastrostomy / Gastrojejunostomy
- Line Insertion
- PICC
- Venous Port Implantation



Central Venous Catheter Insertion

Patient Information Leaflet

Revised in August 2018

This brochure is classified as Unclassified, Non-Sensitive

The information in this brochure is meant for educational purposes and should not be used as a substitute for Medical diagnosis or treatment. Please seek your doctor's advice before starting any treatment, or if you have any questions related to your health, physical fitness or medical condition.

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Information is correct at time of printing Mar 2024 and subject to revision without prior notice.

National University Hospital

5 Lower Kent Ridge Road, Singapore 119074

OneNUHS Hotline: (65) 6908 2222

OneNUHS General Enquiries: contactus@nuhs.edu.sg

OneNUHS Appointments: appointment@nuhs.edu.sg

www.nuh.com.sg

Permanent catheters and Porta catheters are inserted mainly for dialysis and sometimes for infusion of medication and chemotherapy drugs when patient's peripheral lines are not suitable.

Peripherally inserted central catheters (PICC) are inserted for long-term intravenous administration of medication.

What to Expect for the Procedure

Before the Procedure

Your primary doctor will obtain your written consent, stating the intent of the procedure and possible alternatives have been explained to you. He should briefly inform you of the procedure involved.

On the day of the study, your interventionist will explain to you the details of the procedure and risks involved. Another written consent will be obtained. **For patients under the age of 21, parental consent is required.**

Thereafter, you may be asked to change into a hospital gown.

During the Procedure

Ultrasound will be used to locate a suitable vein before the insertion of the catheter. After a local anesthetic injection, the catheter will be threaded through the vein and secured with a stitch on the skin. A dressing will be applied and the ports flushed for patency will be secured.

After the Procedure

You are advised not to cause traction to the inserted catheter to prevent it from dislodging. Do keep the dressings dry and observe for any bleeding around the catheter site.

What are the Risks

Rarely, complications such as bleeding and infection may arise during and after the procedure. Inform your doctor if fever and pain persist.

Important Points to Note

- Blood clotting profile to be checked at least a week before examination.
- Inform us of **any known drug or contrast allergy**.
- Patients with history of asthma will be given **premedication** from the clinic with instructions on when to take the medication.
- Please discuss with your doctor which **regular medications** you can take the night before/morning of the procedure. **Medications such as Warfarin or antiplatelet drugs e.g. Aspirin / Clopidigrel / Plavix will need to be withdrawn up to a week before the procedure. Diabetic medication** will be required to be stopped from the day of appointment and restarted only 48 hours after the procedure.
- Drink only small amounts of liquid for breakfast on the day of your test.

- Every effort will be made to perform your procedure at the scheduled time, but delays may occur due to complexities of earlier procedures or emergencies.

Should you have any queries or require further clarifications, please contact:

Department of Diagnostic Imaging
Tel: (65) 6772 2216
Fax: (65) 6774 5746
Email: DDI_enquiries@nuhs.edu.sg

Your Angiography Appointment

Patient Particulars:

Appointment Date/Time:

Estimated Fees for Patient:

Note: Please do not bring valuables or excess cash with you. Patients and visitors are responsible for personal belongings.

Please arrive at least 15 mins before the appointed time to register and prepare for the procedure. We appreciate your understanding should an unforeseen delay occur due to medical exigencies. Kindly inform us if you are unable to keep to the scheduled appointment.

Preparation Instructions for Patient

(Staff to the appropriate boxes)

- Stop anticoagulation / antiplatelet drugs / Warfarin / aspirin **starting 7 days prior to procedure date.**
- Please report for **admission** at _____.
(Except PICC, FNA (Thyroid), Nerve Root Block)
- Patients with diabetes**, please stop all medication on the day of procedure. **Patients on Metformin** to stop medication on the day of procedure and to restart after 48 hours.

Stop medication date/time: _____ Restart medication date/time: _____
- For patients with **asthma / multiple drug allergies / previous reaction to injection of contrast** media, please consult your doctor for preparation.
- Other special instructions: _____

Please bring this leaflet on the day of your appointment