

Peripheral Cannulation

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Purpose

To direct staff in safe cannula insertion, management and care.

Scope

The Peripheral IV cannulation course is open to all Doctors, Registered Nurse /Enrolled Nurse, Midwives, IV Technician.

Associated documents

- [CDHB Fluid and Medication Management](#)
- Peripheral IV Cannula Resource Book

Competency Requirements for RN, EN, RM, IV and Anaesthetic Technicians

- All Registered Nurses, Enrolled Nurses, Midwives, IV and Anaesthetic Technicians must be recommended by their CNM/Manager to become certified in peripheral cannulation.
- Nurses/Midwives, IV technicians must have successfully completed the requirement for Venepuncture Certification prior to requesting competency in Cannulation.
- Initial certification requires successful completion of the on line SLP, test and attendance at a Cannulation workshop with additional practical cannulation assessment within their clinical

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area. This must be completed within 3 months from attending the workshop.

- This is a permanent competency. Recertification is not required; it is the individuals responsibility to maintain their practice competency.
- Competency will be measured by regular clinical practice audits.

Peripheral IV cannulation Requirements

- **An approved CDHB peripheral IV cannula dressing must be used to dress and secure a cannula**
- **All peripheral cannulae must have an extension set attached at insertion**

Hospital Exceptions: Due to length of stay - Day Wards, Outpatient Departments, Birthing Suite and patients in ED (use as clinically indicated)

The inserter must place a fully completed cannulation green record sticker on the cannula site dressing and in the patients clinical notes.

IV Cannula	
Insertion Date	___/___/___ Time AM / PM
Gauge: ___	Site: _____
Print Name _____	SIG: _____
Removal Date	___/___/___

Taking blood samples from peripheral cannula

- It is not recommended to use cannulae for blood sampling however if indicated then the blood sample/s may be taken at time of cannula insertion.
- The blue tip vacutainer device is used for this purpose. This is attached to the Smartsite access device and the blood tube/s inserted in correct order of draw.
- If blood flow is difficult the syringe method may be used. The syringe is then attached to the pink tip transfer device to prevent a needle stick injury occurring during transfer from syringe to blood tube.
- A syringe must never be connected directly to the cannula hub to take blood samples. This increases the potential for infection.

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Measurement or Evaluation

Canterbury and West Coast IV Clinical Practice Observations audits
– Peripheral IV audit

References

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