

NURSE MAUDE INFUSION SERVICE



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NURSE MAUDE INFUSION SERVICE

INFUSION SERVICES OFFERED

- Daily IVAB administration
- CVAD maintenance
 - PICC
 - Hickman
 - Port-a-cath
- Blood sampling from CVAD's or peripherally

INTRAVENOUS INFUSION ADMINISTRATION METHODS

Intermittent Infusions

- Free flow using drip rate (District Nursing)
- Alaris pump timed infusions (Infusion Centre)
- Baxter elastomeric infusion (30min)

Bolus

- Syringed bolus via manual push



Continuous Infusions

- Baxter elastomeric infusions over 24hrs
- Mechanical infusion via Beeline or Paragon

24HR INFUSION PUMPS

BEELINE® PUMP – Mechanical pump with a spring in the base. Fluid is forced through the top access port.



PARAGON PUMP® – Mechanical pump with a spring in the base. Fluid is placed inside the pump in a fluid bag and forced out. A time filter slows the infusion down to 4ml/hr over 24hrs



ELASTOMERIC PUMP – fluid forced from bag and slowed to 5ml/hr/24hrs via a time filter.



PICC, Hickman® & Port-a-cath Maintenance

- CVAD dressing changes weekly or as required
- PICC position monitoring
- Monthly port-a-cath accessing
- Skin management in patients with dressing sensitivity

Blood Monitoring

- Blood sampling from CVAD's as required
- Peripheral blood sampling from patients with peripheral cannulae.

Patients

- Oncology patients (approx. 60%) total numbers
- General Medicine patients with PICC's requiring blood sampling, intravenous medications, on-going specialist oversight
- Patients with acute infections requiring longer term IVAB's ie. Septic Arthritis, Osteomyelitis, Endocarditis, Cellulitis *(These patients generally require 2-6week IVAB treatment)*
- Chronic infective conditions, ie. Bronchiectasis, recurrent prosthetic infections

NURSE MAUDE INFUSION SERVICE

INFUSION CENTRE

- Any patients requiring on-going IV related care
 - PICC maintenance and removal
 - Blood sampling
 - IVAB administration
 - IV self-admin education
 - Port maintenance



NURSE MAUDE INFUSION CENTRE

Considerations for patients requiring District Nursing Care

- Poor Mobility
- Infectious patients (ie. MRSA, ESBL, VRE, D&V's)
- Medically unwell patients (ie dementia, confusion, end stage palliative)

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Hospital Bedside Message

As nurses we can enable patients to:

- Shorten hospital stay
- Return home with daily clinic visits
- Enable a sense of normality
- Enable patients to take responsibility for their own care if they are appropriate candidates for self administering. Oversight is provided by the Infusion Centre



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WHAT IS THE REFERRAL PROCESS.....

IVAB Patients

Is the patient current receiving IVAB's at home?

Are they a good candidate for returning home whilst continuing on IVAB's

- Contact Home IV Service (HIVS)(pager 8839) for to initiate review for once daily IVAB's
- Complete hospital inter-service referral
- HIVS will review appropriateness for community care and send Nurse Maude referral
- Home IV will set up and arrange process for patient going home on IVAB's
- Patient will be discharged home with drug chart, drugs and discharge information

Patients with central venous access devices (CVAD's)

- Referral directly to Nurse Maude via community referral process
- Provide diagnosis information
- Provide CVAD specifics (ie last access, PICC insertion/External Length)
- Provide current treatment information

NURSE MAUDE INFUSION CENTRE

35 Mansfield Ave
Merivale, Christchurch
Phone (03) 3784008

Hours Mon – Fri 0700-1800, Sat/Sun 1830-1630



Questions

