**The Royal Wolverhampton NHS Trust**

 **Specialist Clinical Practice Renal Sub-committee**

**Practice Reference**: CP/C18

**Title**: Procedure for setting up a Peritoneal Dialysis ‘Home Choice’ machine.

**Date of Implementation:** June 2009, October 2015

**Version:** 3

**Date of review** April 2013, April 2015

**Date of next review:** October 2018

**Author:** Senior Sister Renal Home Therapies

**Policy Location:** Renal Specialist Clinical Practice Folder/ Trust

 Intranet

**1.0 Practice Statement**

* 1. Automated Peritoneal Dialysis Machine will be set up safely and correctly.
	2. To be undertaken by a Registered Nurse with a Renal qualification, or a Registered Nurse with training from a Renal Nurse who has been assessed and has achieved competence.

**2.0 Equipment**

* Apron
* Non-sterile gloves
* Home choice machine
* Home choice cassette
* Set of drain bags
* Manifold connecter
* Minicap
* Connection shield
* Prescribed dialysate
* Alcohol hand gel
* Detergent wipes

**3.0 Detailed Action**

3.1(a) Confirm patient identity as per Trust Policy.

3.1(b) Check the patient’s prescription sheet for:

* Full patient details
* Allergy box completed
* Prescribed dialysate
* Dose
* Route of administration
* Start date
* Any other directions and frequency

3.2 Decontaminate hands with soap and water and dry thoroughly.

3.3 Decontaminate trolley and machine with detergent wipe and allow to dry.

3.4 Gather equipment required.

3.5 Apply apron.

3.6 Decontaminate hands with alcohol hand gel.

3.7 Following ANTT guidelines prepare equipment required.

3.8 Open bags of prescribed dialysate and place one on top of heater surface.

3.9 Turn machine on.

3.10(a) Press green button (**GO**) machine will show ‘**Load the set**’.

3.10(b) Open door and insert cassette, hang organiser onto closed door.

3.11 Close all clamps and press **GO** machine will show ‘**Self-Testing**’.

3.12 When machine shows ‘**Connect Bags**’ start with drain bag.

3.13 Decontaminate hands with soap and water and dry thoroughly.

3.14 Connect the heater bag to the **RED** clamp line.

3.15 Connect all bags to white supply lines, ensuring hands are decontaminated with alcohol hand gel each connection.

3.16(a) Break green seals and open clamps on all supply lines.

316(b) Press go on the machine.

3.17 The machine will show ‘**Priming**’ this will take approximately 6 minutes to complete.

3.18 Maintaining patient privacy and dignity remove required clothing to gain access to the patient’s peritoneal dialysis catheter.

3.19 Following an audible alarm the machine will show ‘**Connect Yourself**’.

3.20 Decontaminate hands with soap and water and dry thoroughly.

3.21 Following ANTT guidelines remove cap from the miniset and connect to patient line.

3.22 Open twist clamp and press **GO** on the machine.

3.23 Dispose of waste in waste bag.

3.24 Remove apron and dispose in waste bag.

3.25 Decontaminate hands with soap and water and dry thoroughly.

3.26 Document procedure in patients notes.

**4.0 Financial Risk Assessment**

4.1 Following a risk assessment of this clinical practice no financial risks have been identified.

**5.0 Equality and Diversity Risk Assessment**

5.1 Following a risk assessment of this clinical practice no Equality and Diversity Risks have been identified.

**6.0 Maintenance**

6.1 This clinical practice will be reviewed and kept up to date by the Senior Sister Renal Home Therapies and the Specialist Clinical Practice Renal sub-committee Work Group will recommend changes and amendments.

**7.0 Training**

7.1 All staff undertaking the procedure must have been completed in-house training and achieved competence.

**8.0 References**

Davies A.H, Gibbons, C.P, Vascular Access simplified. March 2003 Shrewsbury tfm Publishing.

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