



Continuous Cycling Peritoneal Dialysis (CCPD) Peritoneal Dialysis (PD) Informational Package

The information in this package is intended for general information on caring for a patient on Peritoneal Dialysis. If you require further information regarding PD procedures please contact Renal Education. If you require further information on patient specific care issues please contact the patients PD unit.

The purpose of this package is to provide information about Peritoneal Dialysis and specifically about Continuous Cycling Peritoneal Dialysis (CCPD). Included are reference to relevant Manitoba Renal Program (MRP) Policies and Procedures and a Peritoneal Dialysis Training video link.

The Manitoba Renal Programs Policies and Procedures are available on our website <http://www.kidneyhealth.ca/wp/mrp-staff-portal/> (if you are unable to access our website please contact Renal Education)

Manitoba Renal Program (MRP) Procedures:

- # 40.10.09 Home Choice Cyler Set-up: Initiation of Cycling and End of Treatment (Utilizing a luer lock cyler set)
- Cyler Set-up quick reference
- # 40.10.06 Peritoneal Exit Site Care
- # 40.10.03 Instillation of Medication into Peritoneal Dialysis Solution
- # 70.30.03 Peritonitis Protocol
- # 70.30.05 Peritoneal Dialysis Contamination Protocol

This Peritoneal Dialysis Training video can be used to supplement the PD information that you currently have. Although this video was created by the BC Renal Agency for teaching patients how to do their own PD it has useful information for anyone caring for PD patients.

Link found at

https://www.youtube.com/watch?v=AU1p_3g2Cok

This video is approximately 38 minutes and is comprised of several sections related to different PD information. The entire video is informative but contains more information than you require for the specific type of dialysis you will be providing to the patient you are currently caring for. We have provided a synopsis of the contents of each section and relevant information regarding Manitoba Renal Program (MRP) policies and procedures.

Section One: Introduction: This is an overview of PD.

Section Two: Continuous Ambulatory Peritoneal Dialysis:

This is an overview of CAPD and a bag exchange demonstration. Not applicable at this time.

Section Three: Continuous Cycling Peritoneal Dialysis (CCPD): This is an overview of (CCPD) with a demonstration of setting up the cyclor and discontinuing it in the morning. MRP procedure # **40.10.09 Home Choice Cyclor Set-up: Initiation of Cycling and End of treatment** (utilizing a luer lock set).

The video shows the drain line going into the toilet in the patient's home. When in a health care facility **we only drain directly into the toilet if the patient were in a private room with drain samples being taken routinely to monitor for peritonitis. (Please discuss frequency of taking samples with your PD unit) If they are sharing a bathroom then it is imperative that drain bags are used.**

Section Four: Opticap: This is an overview of using Opticaps when a patient has been connected to the cyclor and then must be disconnected for a short time.

Section Five: Fluid Balance and Dialysis Solutions: This is an overview of the different strengths of dialysis solution and how these solutions can be used to remove more or less fluid from the patient depending on their fluid status.

The dialysis regime is always specific for your patient and will be prescribed by the Nephrologist and managed by the patient or PD unit.

The prescription should include:

- Total therapy time
- Total therapy volume
- Fill volume
- Last fill volume
- Type of dialysate solution
- Dextrose concentration

Section Six: Taking Care of Your Exit Site: This section describes exit site care and dressing changes when a patient is doing their own care at home. Whenever a patient is in a health care facility it is necessary to perform **sterile exit site** care a minimum of three times per week and any time that the dressing is soiled or falling off. This includes using a sterile dressing tray and following the MRP procedure #**40.10.06 Peritoneal Exit Site Care** with demonstrational video for further resource found at <http://www.kidneyhealth.ca/wp/mrp-staff-portal/> . Patients must never have their catheters submerged in a tub of water because of the high risk of infection. **(NO TUB BATHS)** Patients can therefore have a sponge bath or a shower (do not remove the dressing prior to shower as indicated in this video), rather keep the flow of water off the abdominal area and the dressing covering the catheter and then make sure the dressing is changed immediately after.

Section Seven: Prevention of Infection: This section discusses **Peritonitis**, which is an infection in the peritoneal cavity; how to prevent infection stressing the importance of frequent and proper handwashing; shows how a contamination can occur; and signs of infection to watch for. If any of these situations occur, you must **contact the PD unit immediately**. The **Peritonitis Protocol # 70.30.03** and **Peritoneal Dialysis**

Contamination Protocol # 70.30.05 is for your information only
<http://www.kidneyhealth.ca/wp/mrp-staff-portal/>. If at any time you suspect the patient may have peritonitis you must contact the PD unit immediately for orders.

Section Eight: Adding Medications: This section discusses adding intraperitoneal (IP) dialysis medications and demonstrates how to do it. If this is required specific orders from the Nephrologist and direction from PD unit are required. MRP procedure **# 40.10.03 Instillation of Medication into Peritoneal Dialysis Solution** with demonstrational video for further resource found at <http://www.kidneyhealth.ca/wp/mrp-staff-portal/>. When a patient is on APD and they require IP medications special instructions will be given by the PD unit prior to you giving the IP medications.

Section Nine: Ordering Supplies:

The PD unit will provide information and direction about ordering supplies for patient.

Please note: although the video says to warm solution in the microwave this does not follow MRP policies and procedures. **NEVER HEAT DIALYSIS FLUID IN THE MICROWAVE**, always warm solution to body temperature by keeping bags in a heating case provided, in a blanket warmer, on top of patient's cyclor machine (which is how you warm solution for this patient) or inside a baby isolette.

While you are providing care for a PD patient in your facility, you will be in close contact with the PD unit. They will provide you with support regarding specific issues; this may include assessment, fluid management and help to troubleshoot any issues. They can also help to troubleshoot any issues with the Home Choice night cyclor machine.

St Boniface PD unit: 204-235-3045
Seven Oaks PD unit: 204-632-3454
Renal Education: 204-787-4917

If you require any further educational support please do not hesitate to contact:

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