



## MANITOBA RENAL PROGRAM

### POLICIES, PROCEDURES AND RESOURCES

Current Number	NEW Number	
	<b><u>10.00</u></b>	<b><u>Administration</u></b>
<b>10.10.01</b>	10.10.01	Manitoba Renal Program: Policy and Procedure Committee Terms of Reference
	<b><u>20.00</u></b>	<b><u>Kidney Health</u></b>
	<b><u>30.00</u></b>	<b><u>HEMODIALYSIS</u></b>
	<b><u>30.10</u></b>	<b><u>Equipment Procedures</u></b>
<b>30.20.07</b>	30.10.01 <i>revised</i>	Use of Fresenius 5008 Delivery System using 0.9% NaCl
<b>New</b>	30.10.02	Fresenius 5008 Preparation for Hemodialysis using the ONLINEplus™ System
<b>New</b>	30.10.03	Initiation and termination of Treatment using the Fresenius 5008 ONLINEplus™ System
<b>New</b>	30.10.04	Converting to 0.9% NaCl bolus or NaCl reinfusion using the Fresenius 5008 ONLINEplus™ System
<b>New</b>	30.10.05	Providing a bolus using the Fresenius 5008 ONLINEplus™ System
<b>30.20.04</b>	30.10.06 <i>revised</i>	Fresenius 5008 ISO Ultrafiltration (Sequential Therapy)
<b>30.20.08</b>	30.10.07	Fresenius 5008 Air Detected Below the Venous Bubble Catcher
<b>30.20.09</b>	30.10.08	Fresenius 5008 Blood Leak Alarms; responding to
<b>30.20.10</b>	30.10.09 <i>revised</i>	Changing the Extracorporeal circuit during hemodialysis treatment for the Fresenius 5008 delivery system
<b>30.20.18</b>	30.10.10	Fresenius 5008 Recirculation of Extracorporeal Circuit with Normal Saline and with Blood (0.9% NaCl set up)
<b>New</b>	30.10.11	ONLINE Circulation of Bloodlines with Substitute After Blood Reinfusion
<b>30.20.19</b>	30.10.12 <i>revised</i>	Single Needle (Click-Clack) Hemodialysis for Fresenius 5008 Dialysis Delivery system
<b>30.10.03</b>	30.10.13 <i>revised</i>	Providing Hemodialysis without Heparinization
<b>30.70.02</b>	30.10.14 <i>revised</i>	Intradialytic Blood Product Administration
<b>30.70.13.</b>	30.10.15	Calcium Chloride Additive for Hemodialysis Patients
<b>30.70.13a</b>	30.10.15a	Attachment A: Calcium Chloride for Haemodialysis, CACL-0827

<b>30.70.12</b>	30.10.16	Administration of Intradialytic Parenteral Nutrition to the Hemodialysis Patient
<b>New</b>	30.10.16a	Appendix A
<b>60.50.02</b>	30.10.17	Prevention and Treatment of Hypophosphatemia for Patients on Hemodialysis by utilizing phosphate additives
<b>NEW</b>	30.10.18	Cleaning and Disinfection of the Fresenius 5008 Hemodialysis System; Internal Fluid Pathways and External Surfaces
<b>NEW</b>	30.10.19	Changing Dialysate Concentrate During Hemodialysis Treatment
<b>NEW</b>	30.10.20	Providing Heparin Bolus During Hemodialysis Treatment
<b>NEW</b>	30.10.21	Manually Opening Arterial Pressure Measurement Unit
<b>NEW</b>	30.10.22	Emergency Reinfusion Procedure Using the Fresenius 5008
<b>NEW</b>	30.10.23	Manual Reinfusion in the Event of Power Failure and Empty Battery
	<b>30.20</b>	<b><u>Vascular Access</u></b>
<b>30.30.01</b>	30.20.01	Venipuncture of Arteriovenous Fistula/Graft
<b>30.30.02</b> <b>Under review</b>	30.20.02	Accessing and Locking Dialysis Central Venous Catheter (Anticoagulant/Thrombolytic/Antibiotic Locking)
<b>30.30.03</b>	30.20.03	Establishing and Maintaining Buttonhole Venipuncture Sites
<b>30.30.04</b>	30.20.04	Use of Closed Needleless Access Device with Hemodialysis Central Venous Catheters (CVC)
<b>30.30.06</b>	30.20.05 <i>revised</i>	Hemodialysis Central Line Dressing Change and Care of Catheter
<b>NEW</b>	30.20.05a	Appendix A Statlock Application Procedure
<b>30.30.08</b>	30.20.06 <i>revised</i>	AVF/AVG Vascular Access Assessment
<b>30.30.11</b>	30.20.07	Removal of Non-Tunnelled Hemodialysis Central Venous Catheters
<b>30.30.12</b>	30.20.08 <i>revised</i>	Alteplase for Clearing Hemodialysis Catheter Thrombosis using the Push (30 minute) Method
<b>30.30.13</b>	30.20.09 <i>revised</i>	Alteplase IV Infusion for Clearing Hemodialysis Catheter Thrombosis
<b>New –</b>	30.20.10 <i>revised</i>	Alteplase for Hemodialysis Central Venous Catheter (Dwell procedure)
<b>30.30.14</b>	30.20.11	Local Centres: Antibiotic Lock Preparation Procedures for Hemodialysis Central Venous Catheters
<b>30.40.04a</b>	30.20.12 <i>revised</i>	Use of BARD Dialysis Catheter Repair Kit
<b>30.40.04b</b>	30.20.13 <i>revised</i>	Use of Covidien™ Acute and Chronic Catheter Repair Kit: Palindrome™ Chronic Care and All Mahurkar™ Acute and Chronic Care Catheters
<b>30.40.05</b>	30.20.14 <i>revised</i>	Use of the HEMODialert™ device with hemodialysis
<b>30.30.09</b>	30.20.15	Obtaining Blood Specimens Pre and Post Hemodialysis
<b>30.30.15</b>	30.20.16	Collection of Blood Culture Specimen From a Hemodialysis Access

<b>30.30.15a</b>	30.20.16a	30.30.15 Appendix A: Summary Poster Gold Standard Blood Cultures
<b>30.70.01</b>	30.20.17	Obtaining Blood Sample for International Normalized Ratio (INR) from Central Venous Catheters
	<b><u>30.30</u></b>	<b><u>Water Treatment</u></b>
<b>30.50.01</b>	30.30.01 <i>revised</i>	Use of; Lauer Aquaboss EcoRO Dia II HT Reverse Osmosis System (RO). Health Sciences Centre – Central Dialysis Unit, Sherbrook Dialysis Unit, St. Boniface Dialysis Unit, Seven Oaks Dialysis Unit, Boundary Trails Health Centre, Pine Falls Dialysis Unit, Dauphin Dialysis Unit
<b>30.50.02</b>	30.30.02	Fresenius AquaC UNO H Reverse Osmosis System; use of
<b>30.50.04</b>	30.30.03 <i>revised</i>	Use of Lauer Aquaboss Eco RO Dia Reverse Osmosis System
<b>30.50.05</b>	30.30.04	Fresenius AquaUNO Reverse Osmosis System; use of
<b>30.50.06</b>	30.30.05	Use of Reverse Osmosis System via the Multi-Media Interface Nurse Remote Panel (Island Lake, Lake of the Woods District, and Swan Valley Health Centre)
<b>NEW</b>	30.30.06	Lauer Eco RO Dia IIC Operation (Thompson Dialysis Unit, The Pas Dialysis Unit, Gimli Dialysis Unit, Russell Dialysis Unit, Hodgson Dialysis Unit, Berens River Dialysis Unit)
<b>NEW</b>	30.30.07	Lauer LCC_RO Nurse Operational Procedure_Kenora
	<b><u>40.00</u></b>	<b><u>Peritoneal Dialysis</u></b>
	<b><u>40.10</u></b>	<b><u>Procedures</u></b>
<b>30.80.01</b>	40.10.01	Attachment of Minicap Extended Life PD Transfer Set to Peritoneal Catheter
<b>30.80.02</b>	40.10.02	Changing Titanium Adapter in a Peritoneal Catheter
<b>30.80.03</b>	40.10.03	Installation of Medications into Peritoneal Dialysis Solution
<b>30.80.03a</b>	40.10.03a	Appendix A: Instillation of Medication into Peritoneal Dialysis Solution (IP Drugs Manual)
<b>30.80.03b</b>	40.10.03b	Appendix B: IP KCl
<b>30.80.04</b>	40.10.04	Application of Locking Cap to Peritoneal Catheter
<b>30.80.05.</b>	40.10.05	Peritoneal Catheter Flush
<b>30.80.06</b>	40.10.06	Peritoneal Catheter Exit Site Care
<b>30.80.06a</b>	40.10.06a	Appendix A: Management of Exit Site Infection
<b>30.80.06b</b>	40.10.06b	Appendix B: Peritoneal Catheter Exit Site Care
<b>30.80.06c</b>	40.10.06c	Appendix C: Peritoneal Dialysis Exit Site
<b>30.80.07</b>	40.10.07	Intraperitoneal tPA for Obstructed Peritoneal Dialysis Catheters
<b>30.80.08</b>	40.10.08	Peritoneal Dialysis Bag Exchange Utilizing Twin Bag System

<b>30.80.08b</b>	40.10.08a	Appendix A: W00353 CAPD Flow Sheet
<b>30.80.09</b>	40.10.09	Home Choice Pro Cyclor Set-Up: Initiation of Cycling and End of Treatment utilizing a luer lock cyclor set (software version 10.4)
<b>30.80.09a</b>	40.10.09a	Appendix A: W00354 Automated Peritoneal Dialysis Record
<b>30.80.11</b>	40.10.10	Peritoneal Catheter Irrigation
<b>30.80.12</b>	40.10.11	Silver Nitrate Application
<b>30.80.20</b>	40.10.12	Measuring Peritoneal Dialysis Adequacy: KT/V Collection
<b>30.80.20a</b>	40.10.12a	Appendix A: Incremental PD Protocol
<b>30.80.17</b>	40.10.13	Ascites drainage utilizing a Peritoneal Catheter
<b>30.80.18</b>	40.10.14	Collection Of Peritoneal Dialysis Effluent from a Peritoneal Dialysis Drain/Sample for Peritonitis Investigation
<b>30.80.18a</b>	40.10.14a	Appendix A: Site Specific Requisitions
<b>30.80.18b</b>	40.10.14b	Appendix B: Decision Tree for obtaining Peritoneal Effluent Sample
<b>30.80.19</b>	40.10.15	Peritoneal Equilibration Test (PET)
<b>30.80.19a</b>	40.10.15a	Appendix A: PET (Peritoneal Equilibration Test) Collection Sheet W-00714
	<b><u>50.00</u></b>	<b><u>Home Hemodialysis</u></b>
	<b><u>50.10</u></b>	<b><u>Procedures - General</u></b>
<b>60.50.10</b>	50.10.01	Use of the Horizon Mini E Centrifuge
	<b><u>50.20</u></b>	<b><u>NXSTAGE</u></b>
<b>NEW</b>	50.20.01	NxStage Ordering Supplies
<b>NEW</b>	50.20.02	Nxstage Installing PAK
<b>NEW</b>	50.20.03	NxStage Adjusting the Temp of the PAK
<b>NEW</b>	50.20.04	NxStage Changing SAK Type
<b>NEW</b>	50.20.05	NxStage Draining a SAK
<b>NEW</b>	50.20.06	NxStage Initiation and Discontinuation of Dialysis
<b>NEW</b>	50.20.07	NxStage Instillation of New Dialysate SAK
<b>NEW</b>	50.20.08	NxStage Setup of Cyclor
<b>NEW</b>	50.20.09	NxStage Testing Chloramines
<b>NEW</b>	50.20.10	NxStage Boil Water Advisory

	<b><u>50.30</u></b>	<b><u>BELLCO</u></b>
<b>60.50.01</b>	50.30.01	Bellco (Formula 2000)—Delivery System; Use of
<b>60.50.06</b>	50.30.02	Single Needle Double Pump on the Formula 2000
<b>60.50.05</b>	50.30.03	Ordering Dialysis Supplies for Home Hemodialysis Patients
<b>60.50.05a</b>	50.30.03a	Appendix: Manitoba Renal Program Home Hemodialysis Script Order Form
	<b><u>60.00</u></b>	<b><u>Documentation Standards and Forms</u></b>
	<b><u>60.10</u></b>	<b><u>Manitoba Renal Program - General</u></b>
<b>60.10.03</b>	60.10.01 <i>revised</i>	Renal Nursing Kardex Standard <b>“Renamed”</b>
<b>60.10.03a</b>	60.10.01a	Appendix A: Renal Patient Kardex (form #W-00195A)
<b>60.10.03b</b>	60.10.01b	Appendix B: Hemodialysis Patient Kardex (form #W-00195B)
<b>NEW</b>	60.10.01.c	Appendix C PD Kardex (form #W-00195C)
	<b><u>60.20</u></b>	<b><u>Hemodialysis</u></b>
<b>60.10.01</b>	60.20.01A	Hemodialysis Treatment Record Standard (For Fresenius 5008 Delivery System)
<b>60.10.01a</b>	60.20.01Aa	Appendix A: Hemodialysis Treatment Record for Fresenius 5008 (form #1592)
<b>60.10.01b</b>	60.20.01B	Hemodialysis Treatment Record Standard - HSC
<b>60.1001c</b>	60.20.01Bb	Appendix B: Form W-00497 HSC Hemodialysis Treatment Record
<b>60.10.02</b>	60.20.02	Hemodialysis Flow Sheet Standard (for Fresenius 5008)
<b>60.10.02a</b>	60.20.02a	Appendix A: Hemodialysis Flow Sheet (Form #W-1593)
<b>60.10.04</b>	60.20.03	Hemodialysis Signature Sheet Standard
<b>60.10.04a</b>	60.20.03a	Appendix A: Hemodialysis Signature Sheet (Form #NS 00714)
<b>60.10.05b</b>	60.20.04	Hemodialysis Renal Medication Flow Sheet Standard (eKHR)
<b>60.10.05</b>	60.20.05	Hemodialysis Renal Medication Flow Sheet Standard (non eKHR)
<b>60.10.05</b>	60.20.05a	Appendix: Hemodialysis Renal Medication Flow Sheet (Form NS01708)
<b>60.10.10</b>	60.20.06	Documentation Standard - Manitoba Renal Program & Long Term Care Communication Record
<b>60.10.10</b>	60.20.06a	Documentation Standard - Manitoba Renal Program & Long Term Care Communication Record Form #W-00273
<b>60.10.10</b>	60.20.06b	DLC Manitoba Renal Program & Long Term Care Communication Record #WR-16
<b>60.10.10</b>	60.20.06c	RHC Manitoba Renal Program & Long Term Care Communication Record # CL0065-5

	<b><u>60.30</u></b>	<b><u>Peritoneal Dialysis</u></b>
<b>60.10.07</b>	60.30.01 <i>revised</i>	Standard for Completion of Cardiorenal/Ascites Peritoneal Dialysis Catheter Drainage Assessment Report
<b>60.10.07a</b>	60.30.01a <i>revised</i>	Appendix: Cardiorenal/Ascites Peritoneal Dialysis Catheter Drainage Assessment Report (Form #W-00471) ( <a href="#">Print shop</a> )
<b>60.10.08</b>	60.30.02 <i>revised</i>	Standard for Completion of Continuous Ambulatory Peritoneal Dialysis Assessment Report
<b>60.10.08b</b>	60.30.02a <i>revised</i>	Appendix: Continuous Ambulatory Peritoneal Dialysis Assessment Report (Form #W-00472) ( <a href="#">Print shop</a> )
<b>60.10.13</b>	60.30.03	Working Alone Standard for Peritoneal Dialysis Community Care (PDCC)
<b>60.10.13a</b>	60.30.03a	Peritoneal Dialysis Community Care Reporting form for missing employee
<b>60.10.13b</b>	60.30.03b	Emergency Contact Information form
	<b><u>70.00</u></b>	<b><u>Protocols</u></b>
	<b><u>70.10</u></b>	<b><u>Manitoba Renal Program General</u></b>
<b>60.30.03</b>	70.10.01	Human Leukocyte Antigen Antibody Testing Routine and Post Transfusion Protocol
<b>60.30.04</b>	70.10.02 <i>revised</i>	Adult Patient Screening and Vaccination Protocol for Hepatitis B and Hepatitis C
<b>60.30.04a</b>	70.10.02a <i>revised</i>	Appendix A: Algorithm for Hepatitis B Vaccination and Monitoring in Susceptible Patients
<b>60.30.04b</b>	70.10.02b <i>revised</i>	Appendix B: Schedule for Routine Blood Testing for Hepatitis B and Hepatitis C Virus Infections
<b>60.30.04c</b>	70.10.02c <i>revised</i>	Appendix C: How to Switch a Patient from one product to the other
<b>60.30.06e</b>	70.10.03	MRP HIV Testing Letter
<b>60.30.19</b>	70.10.04	Protocol for Transfer of Patients between Dialysis Units and/or Sites within the Manitoba Renal Program
<b>60.30.19a</b>	70.10.04a	Appendix A: Transfer Checklist for dialysis patients transferring between Winnipeg units or sites
<b>60.30.19a</b>	70.10.04ai	Appendix A: Form #W-00226 Manitoba Renal Program Transfer of Patients Between Dialysis Units and or Sites within the Manitoba Renal Program Checklist
<b>60.30.19b</b>	70.10.04b	Appendix B: Patient Transfer Letter
<b>60.30.19c</b>	70.10.04c	Appendix C: Hemodialysis Patient Permanent Transfer Algorithm
	<b><u>70.20</u></b>	<b><u>Hemodialysis</u></b>
<b>60.30.07</b>	70.20.01	Management of Hemodialysis Patients with Infectious Diseases Protocol
<b>60.30.08</b>	70.20.02	Management of HBsAg Positive Hemodialysis Patients

<b>60.30.09</b>	70.20.03	Screening of Dialysis Patients for Hepatitis B, MRSA Protocol when Travelling
<b>NEW</b>	70.20.03a	MRSA Admission Screening Algorithm
<b>NEW</b>	70.20.03b	Appendix B: Transient Letter
<b>NEW</b>	70.20.03c <i>revised</i>	Transient Dialysis Orders English or Transient Dialysis Orders French
<b>NEW</b>	70.20.03d <i>revised</i>	Transient Patient Information English or Transient Patient Information French
<b>60.30.06</b>	70.20.04 <i>revised</i>	Initial and Monthly Lab Tests Protocol for Chronic Hemodialysis Patients
<b>60.30.06a</b>	70.20.04a	Appendix A: Dialysis Panel HSC and LRHU
<b>60.30.06b</b>	70.20.04b	Appendix B: Dialysis Panel SOH
<b>60.30.06c</b>	70.20.04c	Appendix C: Dialysis Panel SBH
<b>60.30.06d</b>	70.20.04d	Appendix D: Dialysis Panel Brandon
	<b><u>70.30</u></b>	<b><u>Peritoneal Dialysis</u></b>
<b>60.30.12</b>	70.30.01	Continuous Ambulatory Peritoneal Dialysis Protocol
<b>60.30.12a</b>	70.30.01a	Appendix A: Fluid Management Guidelines
<b>60.30.12b</b>	70.30.01b	Appendix B: CAPD Flow Sheet (Form #W-00353)
<b>60.30.13</b>	70.30.02 <i>revised</i>	Continuous Cycling Peritoneal Dialysis Protocol
<b>60.30.13a</b>	70.30.02a	Appendix A: Fluid Management Guidelines
<b>60.30.13b</b>	70.30.02b	Appendix B: Automated Peritoneal Dialysis Record (Form #W-00354)
<b>60.30.14</b>	70.30.03	Peritonitis Protocol
<b>60.30.15</b>	70.30.04	Care of Patient on Home Peritoneal Dialysis Protocol
<b><u>*NEW</u></b>	70.30.05	Peritoneal Dialysis Contamination Protocol
<b><u>*NEW</u></b>	70.30.05a	Appendix A W-00624 Physician Order Sheet Peritoneal Dialysis Empiric Treatment of Peritoneal Dialysis Related Peritonitis
<b><u>*NEW</u></b>	70.30.05b	Appendix B W-00681 Part 1 Determining Peritonitis in Rural Patients
<b><u>*NEW</u></b>	70.30.05c	Appendix C W-00682 Part 2 Collection of Peritoneal Effluent in Rural Settings
<b><u>*NEW</u></b>	70.30.05d	Appendix D W-00680 Part 3 Guideline for Empiric Antibiotic Treatment Guidelines for Rural Outpatients with Peritonitis
<b><u>*NEW</u></b>	70.30.05e	Appendix E W-00543 Physician's Order Sheet Peritoneal Dialysis <u>OUTPATIENTS</u> Confirmed Pathogen Peritonitis
<b><u>*NEW</u></b>	70.30.05f	Appendix F W-00542 Physician's Order Sheet Peritoneal Dialysis <u>OUTPATIENTS</u> Exit Site/Tunnel Infections and Wet Contamination
<b><u>*NEW</u></b>	70.30.05g	Appendix G Decision Tree for Managing Contamination

<b>60.30.05</b>	70.30.06	Initial and Monthly Lab Tests Protocol for patients receiving Chronic Peritoneal Dialysis
<b>60.30.05a</b>	70.30.06a	Appendix A SOH PD bloodwork panel
<b>60.30.05b</b>	70.30.06b	Appendix B SBH PD bloodwork panel
	<b><u>70.40</u></b>	<b><u>Home Hemodialysis</u></b>
<b>60.30.16</b>	70.40.01	Care of Patient on Home Hemodialysis Protocol
	<b><u>80.00</u></b>	<b><u>Guidelines</u></b>
	<b><u>80.10</u></b>	<b><u>Manitoba Renal Program General</u></b>
<b>60.40.07</b>	80.10.01	Guidelines for Patient Identification of Outpatients receiving services or procedures from the MB Renal Program Team DRAFT
<b>60.40.09</b>	80.10.02	Guidelines for Medication Reconciliation
<b>60.40.09a</b>	80.10.02a	Appendix A: Guidelines for Medication Reconciliation – Medication Change Form
<b>60.40.09b</b>	80.10.02b	Appendix B: Guidelines for Medication Reconciliation – Medication Card
<b>60.40.11</b>	80.10.03	Guidelines for assessing, documenting and verbally reporting patient care at the time of transfer from one health care provider to another
<b>60.40.11a</b>	80.10.03a	Appendix A: Manitoba Renal Program Health Information Transfer Tool
	<b><u>80.20</u></b>	<b><u>Hemodialysis</u></b>
<b>60.40.02</b>	80.20.01	Guidelines for Heparinization during Hemodialysis
<b>60.40.04</b>	80.20.02	Ordering & Returning Dialysis Supplies for Local Centre Dialysis Units
<b>60.40.04a</b>	80.20.02a	Appendix LC: Exchange Cart and Forms/Labels
<b>30.70.08</b>	80.20.03	Discharge Criteria for Hemodialysis Patients from the Dialysis Unit following Treatment
<b>60.40.05</b>	80.20.04	Contacting a Patient who does not Attend a Hemodialysis Treatment
<b>60.40.06 Jan 2016</b>	80.20.05	Guidelines for Managing Hospitalized Hemodialysis Patients (Form #W-00346)
<b>60.40.10</b>	80.20.06	Guidelines for Assessing, Monitoring and Documenting Patient Care Pre, Post and During the Hemodialysis Treatment
<b>60.40.10a</b>	80.20.06a	Appendix A: Guidelines for the Treatment of Intradialytic Hypotension
<b>60.40.10b</b>	80.20.06b	Appendix B: Guidelines for the Treatment of Post Hemodialysis Hypotension
<b>60.40.12</b>	80.20.07	Providing Acute/Emergent Hemodialysis Treatments outside the Operating Hours of the Hemodialysis Units at the Health Sciences Centre



<b>60.40.12a</b>	80.20.07a	Appendix A: HSC Guidelines On-Call (80.280.002)
<b>60.40.13</b>	80.20.08	Providing Acute/Emergent Hemodialysis Treatments outside the Operating Hours of the Hemodialysis Units at SBH
	80.20.09	Hemodialysis Performed in Emergency Department and ICU Units at Seven Oaks Hospital (7N00.130.130)
<b>APRIL</b>	<b><u>80.30</u></b>	<b><u>Peritoneal Dialysis</u></b>
<b>60.40.14</b>	80.30.01	Guideline for care of the In-Centre Peritoneal Dialysis Patient - Draft
	80.30.01a	Appendix A Checklist for Managing hospitalized Peritoneal Dialysis Patient - draft