



MANITOBA RENAL PROGRAM

SUBJECT <ul style="list-style-type: none"> ▪ Initial and Monthly Tests Protocol for Patients Receiving Chronic Hemodialysis 	SECTION 70.20 Protocols – Hemodialysis
	CODE 70.20.04
AUTHORIZATION <ul style="list-style-type: none"> ▪ Professional Advisory Committee, Manitoba Renal Program ▪ Professional Advisory Council, St. Boniface Hospital 	EFFECTIVE DATE April 2001
	REVISION DATE January 2008 September 2011 October 2012 March 2015 October 2018

PURPOSE:

1. The pre-printed *Chronic Hemodialysis Physician's Order Sheet* (Form # W-00109) indicates the chronic hemodialysis patient will have 'Initial and Monthly Lab tests per the Dialysis Panel'. The purpose of these guidelines are to:
 - Provide direction to the Manitoba Renal Program (MRP) staff.
 - Define what tests constitute the 'Dialysis Panel',
 - Identify the frequency and schedule for lab tests.

POLICY:

1. Nurses, Unit Clerks and Ward Clerks in the MRP may initiate the pre-printed *Chronic Hemodialysis Physician's Order Sheet* (W-00109) for a patient starting chronic hemodialysis upon receipt of a nephrologist's signature or a verbal order. The pre-printed *Chronic Hemodialysis Physician's Order Sheet* (W-00109) includes initial and monthly lab tests that constitute the 'Dialysis Panel'.
2. For HLA testing, refer to MRP protocol 70.10.01 *Human Leukocyte Antigen Antibody Testing Routine and Post Transfusion Protocol*
3. For HBV, HCV and HIV testing informed consent (patient letter 70.10.03 *MRP HIV Testing Letter*) will be given to the patient prior to testing, with the patient aware of their option to opt-out.

A. BLOODWORK

- Follow site specific Appendix
 - 70.20.04a Appendix A: Health Science Center and Local Renal Health Units
 - 70.20.04b Appendix B: Seven Oaks Hospital
 - 70.20.04c Appendix C: St Boniface Hospital
 - 70.20.04d Appendix D: Brandon Regional Health Centre

B. EKG

- Within one month of initiation of dialysis, prior to completing initial EKG, check the patient's in-hospital chart. If EKG results are present in the in-hospital chart, obtain a copy for the MRP Health Record and hold initial EKG.
- Every two years after initial EKG

- Preoperative EKG for any surgical procedure per preoperative guidelines
- PRN if patient experiences chest pain

C. CHEST X-RAY

- Within one month of initiation of dialysis. Prior to completing initial chest x-ray, check the patient's in-hospital chart. If chest x-ray results are present in the in-hospital chart obtain a copy for the MRP Health Record and hold initial chest x-ray.
- Every two years after initial chest x-ray
- Preoperative chest x-ray for any surgical procedure per preoperative guidelines

REFERENCES:

Kidney Diseases Outcomes Quality Initiative (KDOQI) 2006 Clinical Practice Guidelines

Cadham Provincial Laboratory (2014) Guide to Services 2014 retrieved from www.gov.mb.ca/health/publichealth/cpl/docs/guide.pdf

CDC (2006) Revised Recommendations for HIV Testing of Adults, Adolescents, and Pregnant Women in Health-Care Settings retrieved from www.cdc.gov/hiv/guidelines/index.html

Communicable Disease Management Protocols (2010) retrieved from www.gov.mb.ca/health/publichealth/cdc/protocol/hiv.pdf