



YEAR IN REVIEW 2015/2016

MANITOBA RENAL PROGRAM
WINNIPEG REGIONAL HEALTH AUTHORITY

kidneyhealth.ca
manitoba renal program



Winnipeg Regional
Health Authority
Caring for Health

Office régional de la
santé de Winnipeg
À l'écoute de notre santé

MANITOBA RENAL PROGRAM

Manitoba Renal Program (MRP) is made up of an interdisciplinary team of health-care professionals working together to provide the highest quality kidney care and kidney education.

Kidney health outreach initiatives are offered throughout the province to increase awareness in an effort to prevent chronic kidney disease and the progression of existing chronic kidney disease.

Kidney health clinics join newly diagnosed and progressing patients with an interdisciplinary team of health-care providers to provide treatment and work on preventing or delaying kidney failure.

MRP jointly operates hemodialysis units in 20 locations throughout Winnipeg and Manitoba.

MRP also operates home dialysis programs in Winnipeg that train and support home dialysis patients who reside in all corners of the province.



WRHA MISSION, VISION, & VALUES

Mission

To coordinate and deliver quality, caring services that promote health and well-being.

Vision

Healthy People, Vibrant Communities, Equitable Care for All

Values

Dignity - as a reflection of the self-worth of every person

Care - as an unwavering expectation of every person

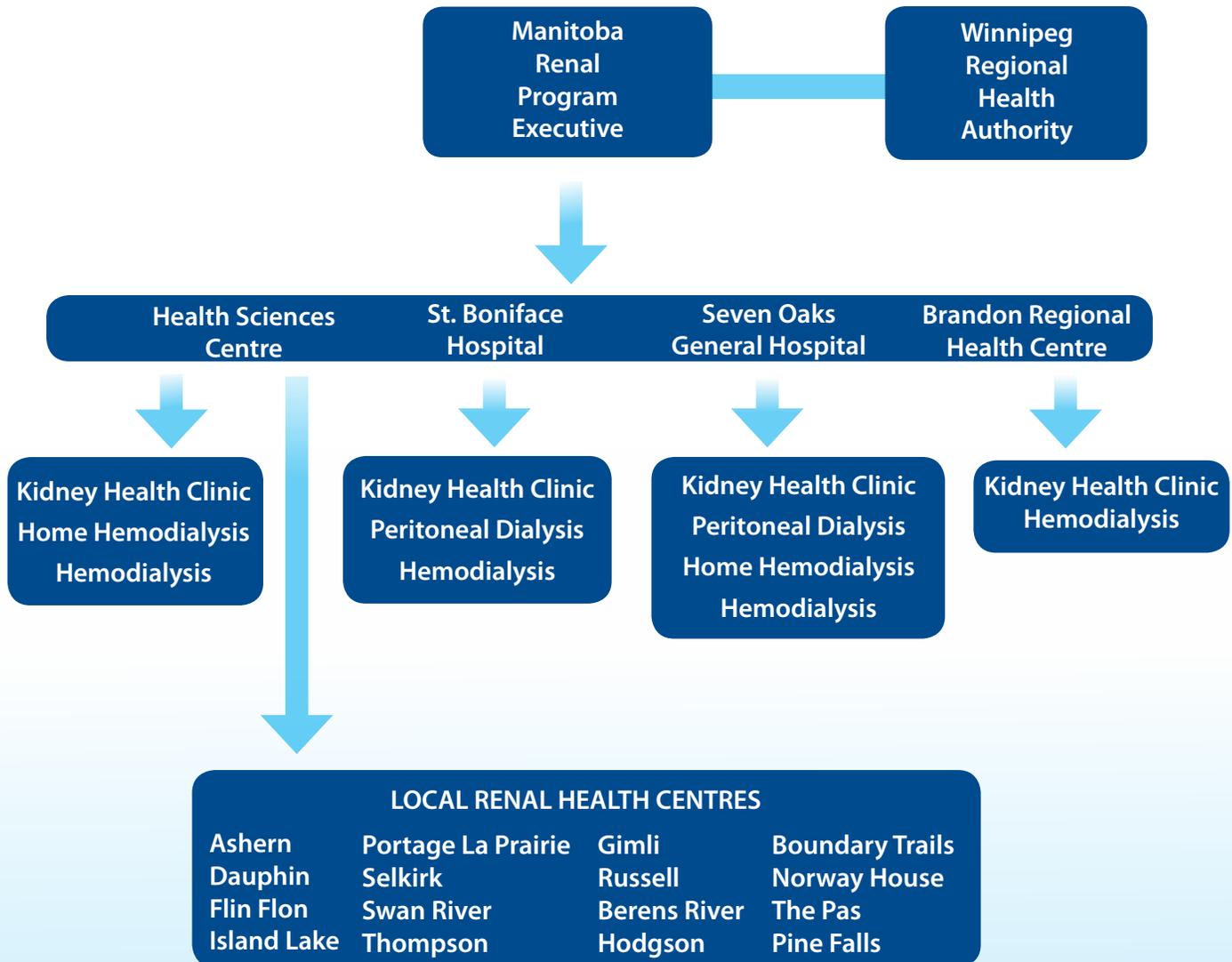
Respect - as a measure of the importance of every person

Equity - promote conditions in which every person can achieve their full health potential

Accountability - as being held responsible for the decision we make

The role of the Manitoba Renal Program is to prevent kidney disease, promote kidney health and provide kidney health services to Manitobans.

MANITOBA RENAL PROGRAM STRUCTURE



STATISTICAL SNAPSHOT

**These numbers represent the status of Manitoba Renal Program as of April 15, 2016 and are not cumulative figures or a representation of figures at any other time of year.*

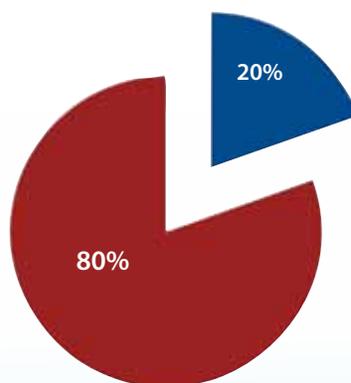
As of April 15, 2016 Manitoba Renal Program was serving **6,728** patients through three Winnipeg locations, one Brandon location and 16 local renal health centres in Ashern, Berens River, Boundary Trails, Dauphin, Flin Flon, Gimli, Hodgson, Island Lake, Norway House, Pine Falls, Portage, Russell, Selkirk, Swan River, The Pas and Thompson.

While 5,163 of those patients had stages one to five kidney disease, the remaining **1,565** were being treated using dialysis.

Between April 24, 2015 and April 15, 2016 the **patient population grew by 484 patients** (47 dialysis patients and 437 kidney health clinic patients).

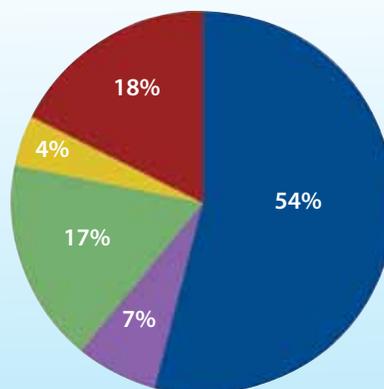
Home Dialysis Use by Modality

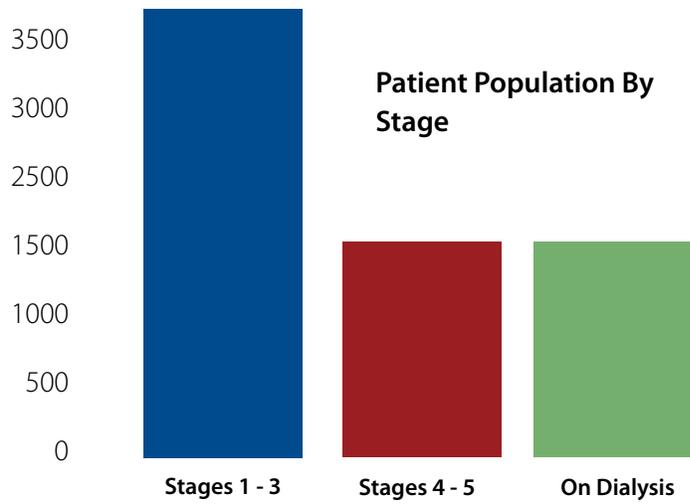
- Home Hemodialysis
- Peritoneal Dialysis



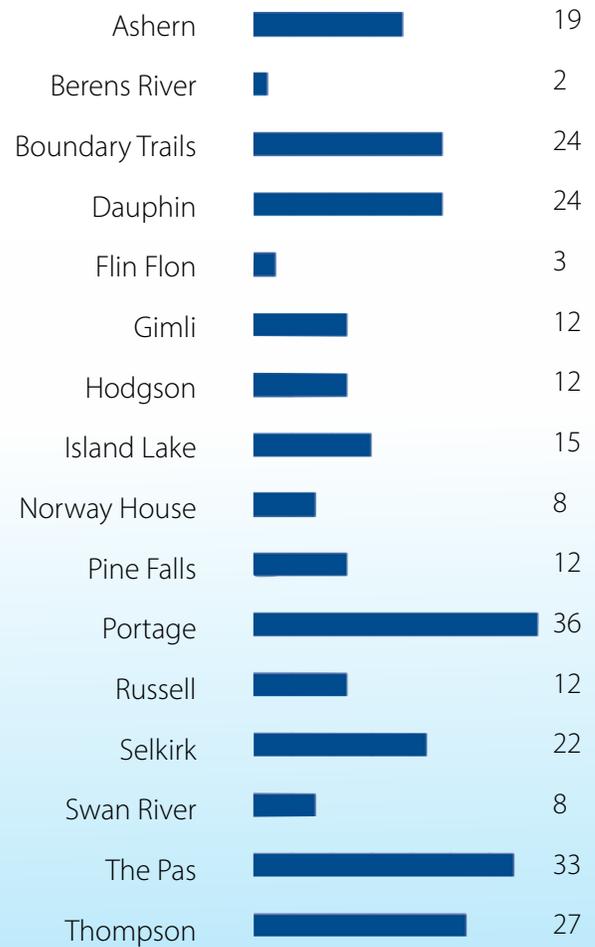
Summary of Manitoba Dialysis Patients

- Winnipeg In-Centre Dialysis Units
- Home Peritoneal Dialysis
- Local Renal Health Centre Dialysis Units
- Brandon Dialysis Unit
- Home Hemodialysis



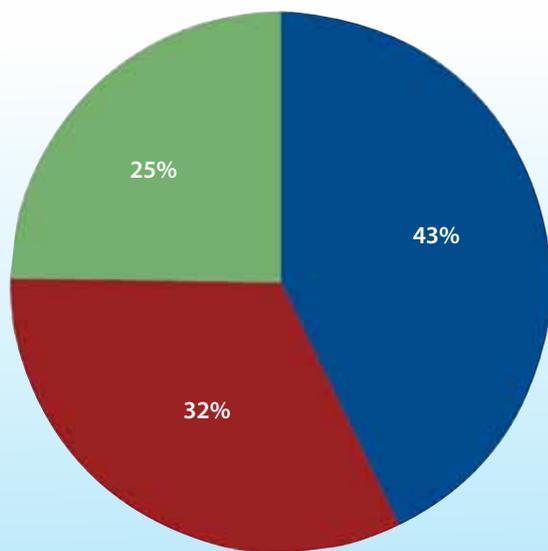


Local Renal Health Centre Hemodialysis Patient Population



Winnipeg Patient Load by Site

- Health Sciences Centre (HSC)
- Seven Oaks General Hospital (SOGH)
- St. Boniface Hospital (SBH)



MRP 2014 – 2018 STRATEGIC PRIORITIES

- CKD Prevention
- Early Detection of CKD and Intervention
- Optimizing Treatment Options for End-Stage Kidney Disease
- Strengthening CKD Care through Research and Innovation
- Enhancing Patient Involvement in Management of Care

YEAR IN REVIEW HIGHLIGHTS

ORGANIZATIONAL

Education Opportunities for Staff and Patients

Manitoba Nephrology Nursing Course (MNNC) ran six sessions graduating 40 nurses including 15 for HSC, six for SBH, seven for SOGH, and 12 for Local Renal Health Centres (LRHCs). Brandon ran four sessions of the MNNC graduating a total of 10 students including three for LRHCs and seven for Brandon.

There were nine peritoneal dialysis workshops. Seven were sited at HSC with 65 participants in total. There were two offsite workshops for specific groups with a total of 29 participants. Renal Education was also heavily involved with MRP's participation in the Accreditation Canada process in 2016.

Peritoneal Dialysis Symposium

A successful symposium connected staff with more information about peritoneal dialysis to help them gain knowledge and champion the modality in their sites. About 75 people attended the event held at St. Boniface Hospital and hosted by the St. Boniface Hospital Renal Program.





Program-wide Exercise Challenge and Greeting Dale Calibaba

During the 2015 summer MRP held an exercise challenge where participants logged their kilometres and minutes of activity in support of B.C. dialysis patient Dale Calibaba who was biking across Canada. MRP staff, patients and supporters logged 11,285 kilometres and 135,000 minutes of activity. A welcome event was held when Dale stopped in Winnipeg. Dale also visited the Sherbrook dialysis unit

to chat with patients who bike while receiving dialysis. Dale's journey was also promoted in our dialysis units as a way of promoting physical activity to patients.

Biking on Dialysis Participants Reach Milestone

Several MRP in-centre hemodialysis patients reached an 100 ride milestone throughout the year. We had a total of nine participants reach their 100th bike ride. It takes between nine months to over a year for individuals to achieve this milestone which means patients are showing tremendous commitment and dedication to cycle during their hemodialysis treatment.



World Kidney Day March 10

Staff and patients wore red on World Kidney Day March 10 and celebrated the day in their respective units. The goal was to raise awareness about kidney disease within the hospitals and community and build create engagement within the kidney health centres and units.

Kidney Health Awareness Video

MRP developed a simple motion graphic video to raise awareness about kidney disease within the context of our province. The video is for the general public and outlines basic statistics about how impactful the disease is on Manitobans and how the rates of kidney disease are growing. The video received significant activity on social media including over 7,000 views on Facebook.



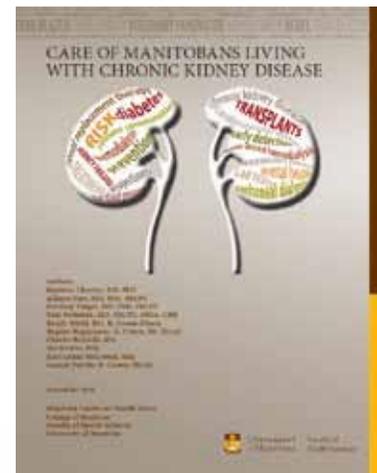
Ongoing Research

Several MRP nephrologists continue to conduct research with University of Manitoba each year. In addition, MRP has access to the Chronic Disease Innovation Centre at Seven Oaks General Hospital to conduct kidney disease related research. The centre launched in 2015.

Manitoba Centre for Health Policy Report

In late 2015 the Manitoba Centre for Health Policy released a report titled *Care of Manitobans Living with Chronic Kidney Disease*. The report outlined the state of kidney disease in Manitoba and the projected growth of dialysis patient populations.

The report estimates that about 14% or 134,000 Manitobans have kidney disease. About one-third of those individuals are at high-risk of progressing to kidney failure. While currently about 1,800 people live with kidney failure in the province, the study predicts that by 2024 more than 3,000 Manitobans will be receiving treatment for kidney failure through dialysis or kidney transplant. MRP nephrologists and leadership contributed to the report which serves as a resource for the Province in planning for future needs of MRP patients and at-risk individuals.



Outreach & First Nations Communities

During six months, our Aboriginal Liaison Coordination visited 12 First Nations communities to participate in community-led health fairs and events. In January the kidney health outreach interdisciplinary team visited Thompson to present to Aboriginal Diabetes Initiative workers from over a dozen northern First Nations communities. Presentations included pharmacy, occupational therapy, fitness and nutrition and also provided a focus group opportunity to discuss campaign messaging.

YEAR IN REVIEW HIGHLIGHTS

CLINICAL

ESRD Start Program Launched at HSC

Health Sciences Centre's renal program developed and launched a New End Stage Renal Disease Start Program to ensure hemodialysis patients are receiving all required education and support during their transition to starting treatments.

The goal of the program is to ensure consistent care and support for all new hemodialysis patients and give staff the tools they need to be able to effectively support the patients. Developed and piloted by an interdisciplinary team, the program includes workshops for staff and care maps for tracking patient progress through the program.

The program is being explored as a model for other Manitoba Renal Program sites by providing standardized tools but will also be adaptable for the needs and functions of other units.

Integration of New Home Hemodialysis Equipment

After a successful pilot program, Manitoba Renal Program moved forward with integrating the use of a new home hemodialysis machine into its home hemodialysis programs. The new technology offers opportunity for more individuals to access home dialysis due to the user friendly operation of the machine and fewer restrictions for water sources and septic systems.



The new system requires minimal home renovations and can be moved around a patient's home or moved to a different location. It also requires fewer supplies and consumes significantly less water than the only system previously used. Manitoba and British Columbia were the first provinces to complete trials and evaluations of the machine.

Province Announces Home Hemodialysis Utility Reimbursement Program

Manitoba became the first province in Canada to offer a Home Hemodialysis Utility Reimbursement Program in October 2015.

The program reimburses patients for the cost of utilities involved in their home hemodialysis treatment and is calculated depending on how often they perform dialysis treatments and which machine they are using. Previously, there was no reimbursement for utility costs though MRP covers installation and equipment costs for those starting home hemodialysis. Many MRP patients and the Kidney Foundation of Canada Manitoba Chapter advocated for the creation of the Home Hemodialysis Utility Reimbursement Program.



Peritoneal Dialysis Community Care Program

MRP launched its Peritoneal Dialysis Community Care (PDCC) program which supports specific PD patients in Winnipeg. The initiative is designed to increase access to Peritoneal Dialysis by providing support for those who may have otherwise been unable to manage tasks associated with performing peritoneal dialysis treatments.

As a result, individuals can avoid frequent travel to hospital for in-centre dialysis treatments and can gain the health benefits of peritoneal dialysis. As of March 2015, the program was serving 20 patients with a goal to increase in the near future.

First Nations Kidney Screening Project Results

Manitoba Renal Program and Diabetes Integration Project concluded their 26-month-long First Nations Community Based Screening to Improve Kidney Health and Prevent Dialysis (FINISHED) project. FINISHED provided on-site screening and results sharing for 11 communities within two tribal council regions and screened over 1,700 community members.



A mean screening rate of 21% of all community members eligible (aged 10 – 80) was achieved. Over a quarter of participants had some level of kidney disease. All patients deemed intermediate or high risk of kidney failure in both pediatric and adult populations received nephrology referrals and were seen by a nephrologist in Winnipeg within one month of screening.

An adapted model of the project has been implemented in Winnipeg by NorWest Co-op Community Health Centre with support from FINISHED. Other provincial programs engaged the project team to discuss utilizing the project model. MRP expects to use the project as a model for developing a sustainable screening program for at-risk individuals in the province.



Reduced Temporary Catheter Starts at St. Boniface Hospital

Between 2012 and 2015 St. Boniface Hospital greatly reduced the use of temporary catheters in chronic start patients. Temporary catheters made up 28% of accesses in chronic starts in 2012 and that went down to 3.5% in 2015.

The shift means a significant reduction in risk of infection for patients and also eliminates an additional procedure and time in hospital. This work of the Interventional Nephrologist and Vascular Access team has also contributed to a marked decrease in bloodstream infections.

Addition of Staffed Dialysis Spots in Centres

Between April 2015 and March 2016, MRP received funding for and opened 18 more staffed and funded spots for dialysis patients. Six spots were opened in Brandon, four in Gimli, four in The Pas and four more in Thompson.



Electronic Kidney Health Record

Work has continued on refining existing modules of the eKHR system being utilized in Winnipeg. Regular training for staff continues and feedback is continuously utilized to resolve issues and create a smoother experience units for users.

LOOKING FORWARD

We are currently implementing our 2014 - 2018 Strategic Plan. Some of our larger infrastructure goals include expanding hemodialysis capacity at proposed new locations in Winnipeg.

We are also planning more options for individuals to receive kidney health care closer to home and reduce the need for relocations to Winnipeg. We continue to evaluate Local Renal Health Centres for expansions as needed and expect some of these local renal health centres to eventually deliver broader kidney health services to the local community for all stages of CKD care.



Additionally, we are expanding our home dialysis programs through new home hemodialysis equipment and our Peritoneal Dialysis Community Care program. We hope to partner with regional health authorities (RHAs) and local communities to bring the Peritoneal Dialysis Community Care Program to all RHAs in Manitoba. This would provide local support and care to peritoneal dialysis patients and make home dialysis more accessible and sustainable in rural and remote areas.

We anticipate continued dialogue with RHAs that enables tracking of CKD patient volumes in each region and ensures timely planning of services to meet their needs. As well, we are working with partner programs and exploring the implementation of broader screening initiatives to ensure early detection of kidney disease.

Other plans include improved patient engagement and support to ensure an informed and collaborative approach to care and treatment. We look forward to continuing with our plans and goals of providing the highest quality kidney health services.

kidneyhealth.ca
manitoba renal program

P: 204-632-3607

E: kidneyhealth@wrha.mb..ca



Winnipeg Regional
Health Authority
Caring for Health

Office régional de la
santé de Winnipeg
À l'écoute de notre santé