

North West Report

Providing a summary of telemedicine activity in the North West LHIN for April 1, 2008 to March 31, 2009.

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What's New at OTN

Network upgrade

OTN is committed to continuous quality improvement across all aspects of our service offering, including ongoing improvement of our videoconferencing network infrastructure. In January, we installed a new Gatekeeper – a piece of centralized videoconferencing equipment – which was followed in February by configuration changes to our multipoint bridge. These changes meant that OTN was able to upgrade a setting to our bridge to enable better video quality for participants in multi-point videoconferencing sessions, ensuring sharper images and less distortion of movement. OTN is working on additional videoconferencing quality projects to further improve our service and we will keep you informed of our progress in future issues of this report.



OTN-KO Partnering Agreement

Based on a proud history of collaborative success, Dr. Ed Brown, CEO of OTN, and Geordi Kakepetum, Executive Director of Keewaytinook Okimakanak signed a historic “Partnering Agreement” that recognizes each organization's unique contribution to the development of an integrated telemedicine network providing service across the Province. Formalizing the collaboration in a partnering agreement is reflective of the growth of both Networks and the ongoing need for a partnering approach to support on-reserve delivery of telemedicine.



More than 1000 patients benefits from Telestroke

Telestroke met a significant milestone in May, when its 1000th patient received care and treatment. A 24/7 emergency telemedicine application supported by OTN, Telestroke uses videoconferencing and digital image transfer to connect stroke patients and their emergency physicians with remote neurologists located at larger urban health care facilities to obtain urgent diagnosis and management advice. A component of Ontario's stroke strategy, Telestroke is supported by 15 neurologists and available in Kenora, North Bay, Pembroke, Peterborough, Sault Ste. Marie, Sudbury, Timmins, Oshawa, Brantford and Niagara. The milestone was marked by a special celebration, including video congratulations from Health and Long-Term Care Minister David Caplan.



Around the LHINs

Telementoring laparoscopic oncology procedures

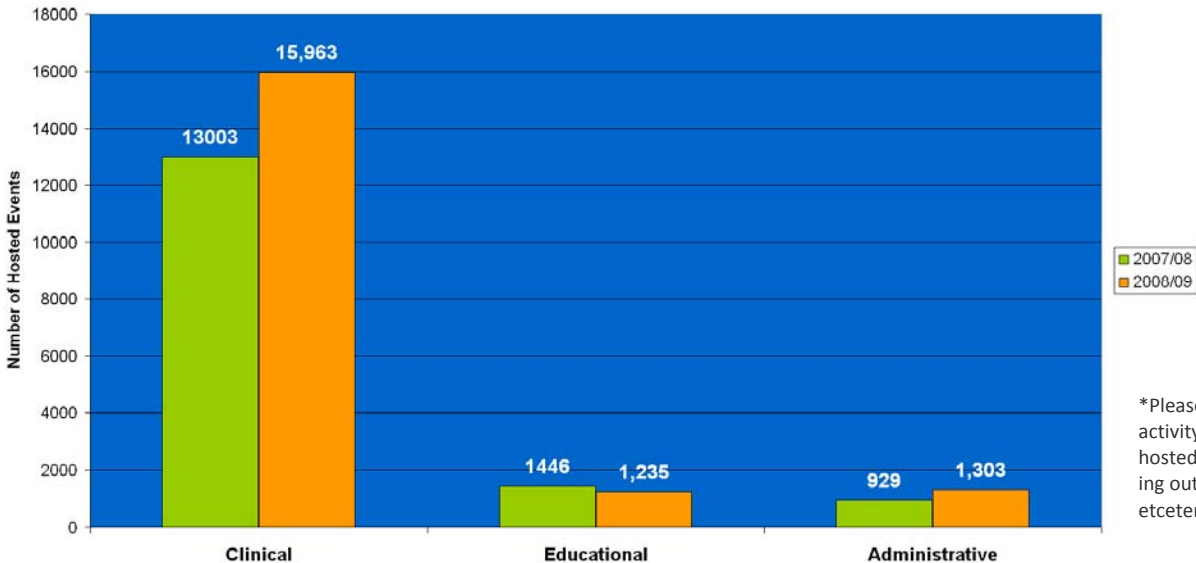
The Niagara Health Service (NHS) and the Centre for Minimal Access Surgery (CMAS) at St. Joseph's in Hamilton are partners in a telementoring project that enables surgeons at the Centre to provide instruction to physicians at the NHS on new techniques for cancer surgery using laparoscopic surgical instruments. The use of laparoscopic surgery for treatment of a number of cancers is associated with significantly shorter hospital stays and recovery periods as well as reduced morbidity compared to open surgery. Recently, Cancer Care Ontario established new clinical practice for laparoscopic surgery for colon cancer which supports this direction in treatment. Coinciding with CCO's approach, CMAS, developed a multi-pronged approach that includes telementoring to train and support surgeons in laparoscopic management of patients with colon cancer. The telementoring approach increases the capacity of the Niagara Health Service to provide these surgeries, thereby eliminating the need to send patients out of their community to tertiary centres for this type of care.



Shared care model facilitates mental health delivery in the Southwest

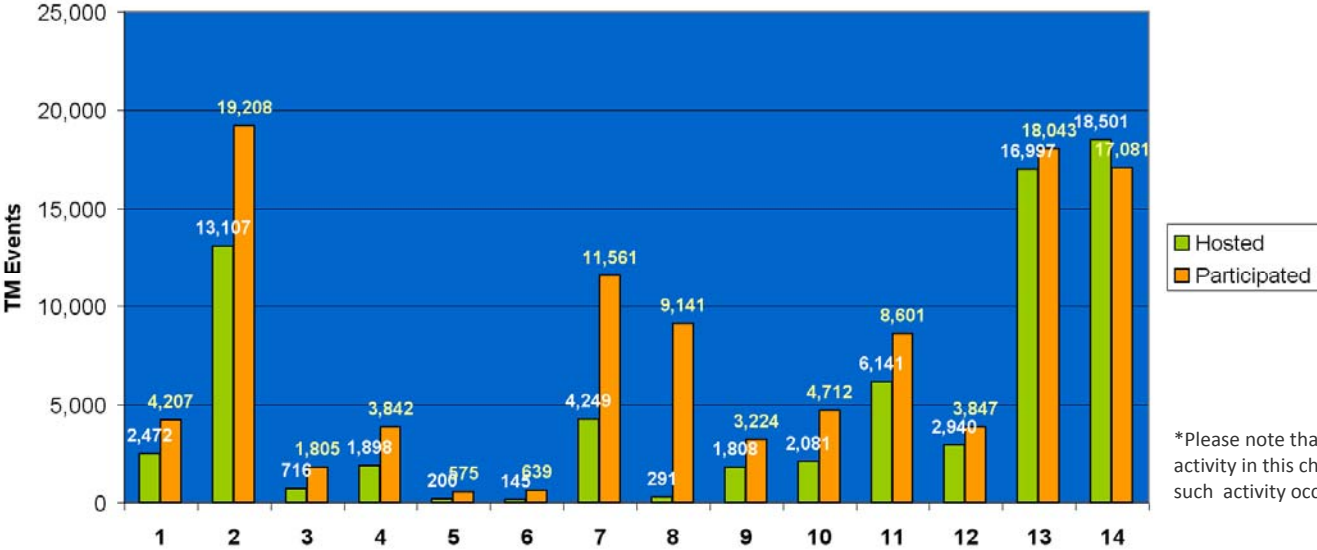
Middlesex Hospital Alliance and the Chatham Kent Health Alliance are putting an innovative twist on the traditional “family physician/psychiatrist” delivery model for mental health by substituting a Nurse Practitioner for the family physician role. Middlesex Hospital Alliance Nurse Practitioner Lisa Plank spends one day a week at the mental health clinic at the Alliance's Newbury site, conducting intake assessments, monitoring medications and providing counseling and links to community resources for her clients. Once a week, Dr. Ranjith Chandrasena of the Chatham Kent Health Alliance meets with Lisa by videoconference to review her clients' needs, make medical recommendations and most importantly, support Lisa's care of her patients. This delivery model has made it possible for patients with severe and persistent mental illness to receive more timely care and treatment closer to home.

Telemedicine Events by Type: 07/08 vs 08/09



*Please note that the total hosted activity in this chart reflects all hosted telemedicine activity, including out-of-province events, webcasts, etcetera.

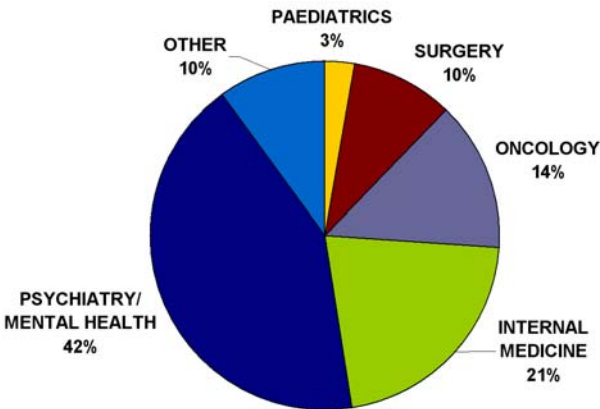
Telemedicine Events by LHIN 08/09



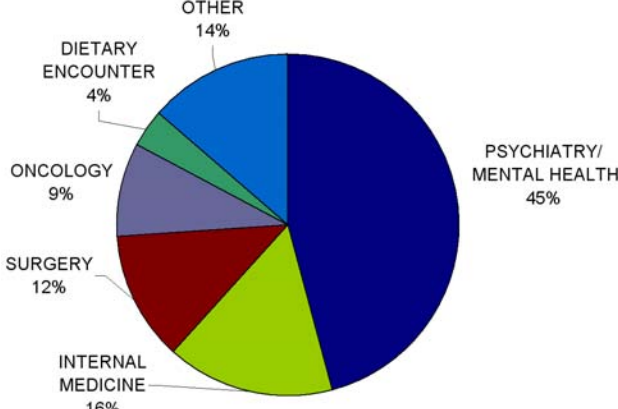
*Please note that the total hosted activity in this chart is specific only to such activity occurring within a LHIN.

A telemedicine event has two parts: "the host", which refers to the site that initiates the event and "the participant", which refers to the site(s) joining the event. For clinical events, the patient site is considered the host, while the consultant site is the participant. Activity reported for a particular LHIN refers to only the side of the event occurring within that LHIN.

Top Therapeutic Areas of Care: Ontario (08/09)



Top Therapeutic Areas of Care: LHIN 14 (08/09)

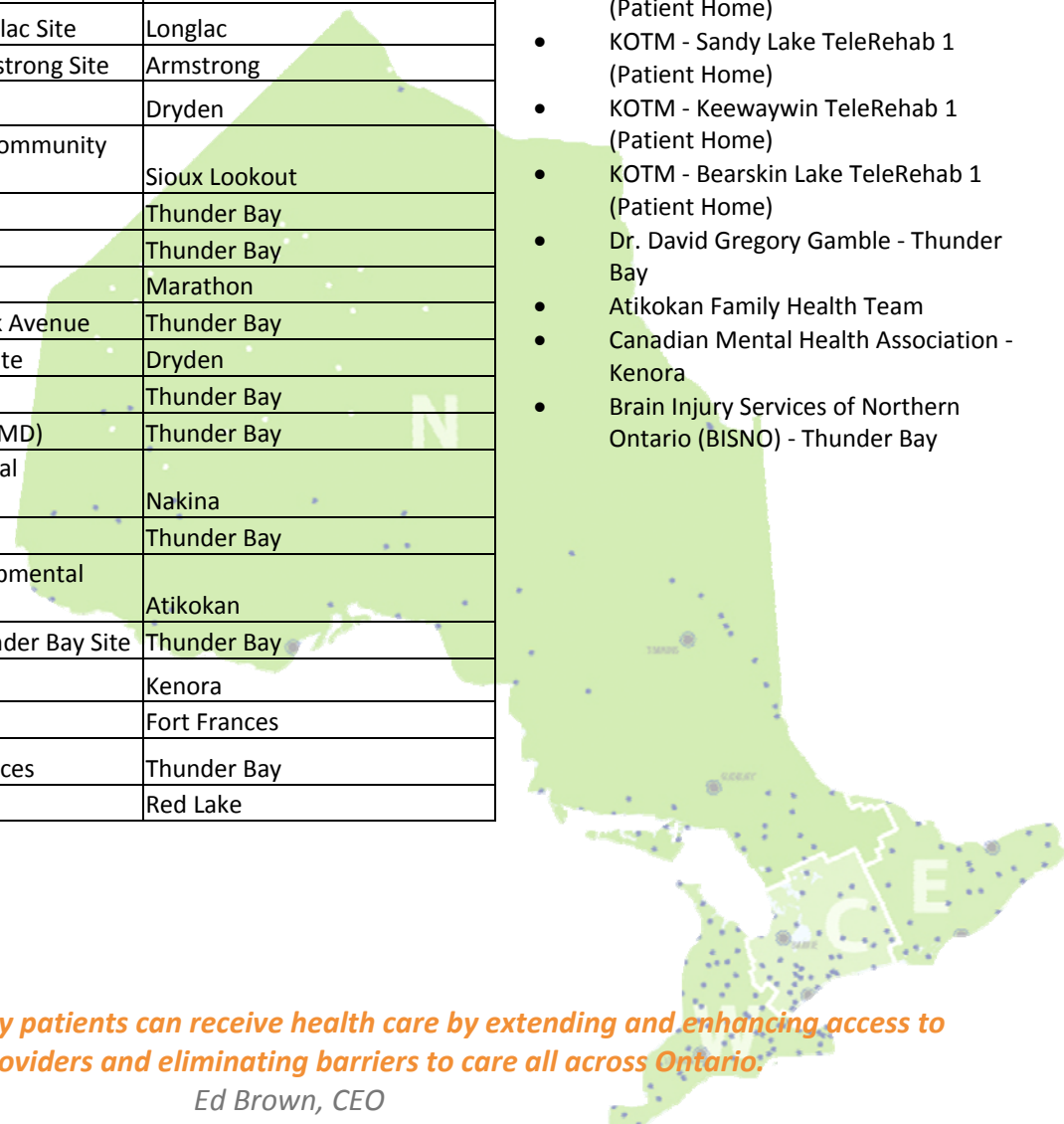


OTN Site Summary - North West LHIN

Site Name	Community
Superior Greenstone Association for Community Living	Geraldton
Dr. Teresa Bruni	Thunder Bay
Thunder Bay Regional Health Science Centre - Regional Research Institute	Thunder Bay
Canadian Mental Health Association	Thunder Bay
George Jeffrey Children's Centre	Thunder Bay
Geraldton District Hospital	Geraldton
Manitouwadge General Hospital	Manitouwadge
McCausland Hospital	Terrace Bay
Nipigon District Memorial Hospital	Nipigon
Thunder Bay Regional Health Sciences Centre (TBRHSC)	Thunder Bay
Wilson Memorial General Hospital	Marathon
North West CCAC - Kenora	Kenora
North West CCAC - Dryden	Dryden
North West CCAC - Fort Frances	Fort Frances
NorWest Community Health Centre - Longlac Site	Longlac
NorWest Community Health Centre - Armstrong Site	Armstrong
Community Living Dryden	Dryden
Sioux Lookout & Hudson Association for Community Living	Sioux Lookout
North West CCAC - Thunder Bay	Thunder Bay
Neurologist home - Dr. David Howse	Thunder Bay
Marathon Family Health Team	Marathon
Canadian Mental Health Association - Park Avenue	Thunder Bay
Community Living Dryden - Colonization Site	Dryden
North West LHIN	Thunder Bay
Thunder Bay Medical Centre (Gehman, K, MD)	Thunder Bay
Geraldton District Hospital - Nakina Medical Centre Site	Nakina
AIDS Thunder Bay	Thunder Bay
Atikokan & District Association for Developmental Services	Atikokan
NorWest Community Health Centre - Thunder Bay Site	Thunder Bay
Kenora Association for Community Living	Kenora
Community Living Fort Frances & District	Fort Frances
Options Northwest Personal Support Services	Thunder Bay
Harmony Centre for Community Living	Red Lake

North West LHIN Sites In Development to June 30th

- Medical Diagnostics & Consulting - Thunder Bay
- Greenstone Family Health Team - Geraldton
- NOSM - West Campus Lakehead U
- KOTM - Kevin C. Sagutcheway Nursing Station
- Metis Nation of Ontario - Kenora
- Metis Nation of Ontario - Dryden
- Metis Nation of Ontario - Fort Frances
- KOTM - Keewaytinook Okimakanak Network Management Office - Sioux Lookout
- Northwestern Ontario Infection Control Network - Dryden Satellite Office
- KOTM - Fort Severn TeleRehab 1 (Patient Home)
- KOTM - Sandy Lake TeleRehab 1 (Patient Home)
- KOTM - Keewaywin TeleRehab 1 (Patient Home)
- KOTM - Bearskin Lake TeleRehab 1 (Patient Home)
- Dr. David Gregory Gamble - Thunder Bay
- Atikokan Family Health Team
- Canadian Mental Health Association - Kenora
- Brain Injury Services of Northern Ontario (BISNO) - Thunder Bay



OTN is transforming the way patients can receive health care by extending and enhancing access to health care providers and eliminating barriers to care all across Ontario.

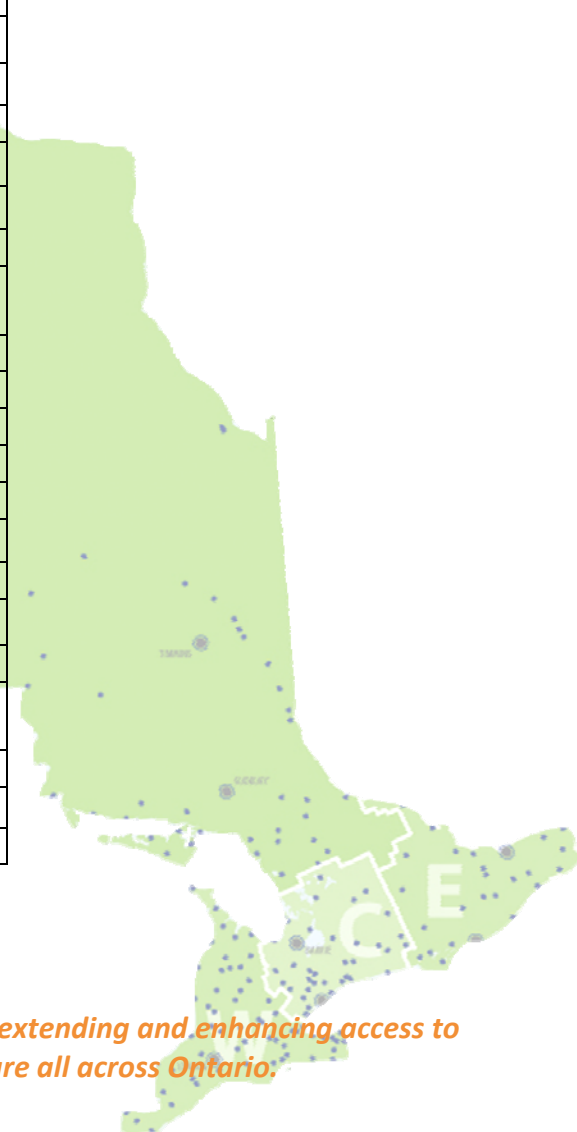
Ed Brown, CEO

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Site Name	Community
Atikokan Child and Family Services	Atikokan
Community Care Access Centre of Thunder Bay TBCCAC	Thunder Bay
Dilico Ojibway Child and Family Services	Thunder Bay
Specialist office - Dr. Gabriel Mapeso	Thunder Bay
Sunset County Family Health Team	Kenora
Keewatin Medical Clinic	Keewatin
Mary Berglund Community Health Centre	Ignace
Thunder Bay Public Health Laboratory	Thunder Bay
Dryden Area Family Health Team	Dryden
OTN - Thunder Bay Regional Office	Thunder Bay
Ear Falls Community Health Centre	Ear Falls
Lake of the Woods District Hospital - Morningstar Detox Centre	Kenora
St. Joseph's Care Group - Victoriaville Site	Thunder Bay
St. Joseph's Care Group - Heritage Site	Thunder Bay
Northwestern Ontario Infection Control Network	Thunder Bay
Atikokan General Hospital	Atikokan
Dryden Regional Health Centre	Dryden
Lake of the Woods District Hospital	Kenora
St. Joseph's Care Group -Lakehead Psychiatric Hospital	Thunder Bay
Northern Ontario School of Medicine - Thunder Bay - ISDN	Thunder Bay
Red Lake Margaret Cochenour Memorial Hospital	Red Lake
Riverside Health Care Facilities - LaVerendrye Hospital	Fort Frances
Meno-Ya-Win Health Centre - 5th Ave Site	Sioux Lookout
Meno_Ya_Win Health Centre - 7th Ave Site	Sioux Lookout
St. Joseph's Care Group - St. Joseph's Hospital Site	Thunder Bay
Thunder Bay District Health Unit	Thunder Bay
Riverside Health Care Facilities - Rainy River Site	Rainy River
Riverside Health Care Facilities - Emo Health Site	Emo
St. Joseph's Care Group - Hogarth Riverview Manor	Thunder Bay
Meno-Ya-Win Health Centre - William A. George Extendicare	Sioux Lookout
Machin Family Health Team	Vermilion Bay
Northwestern Health Unit	Kenora
St. Joseph's Care Group - Sister Margaret Smith Centre	Thunder Bay

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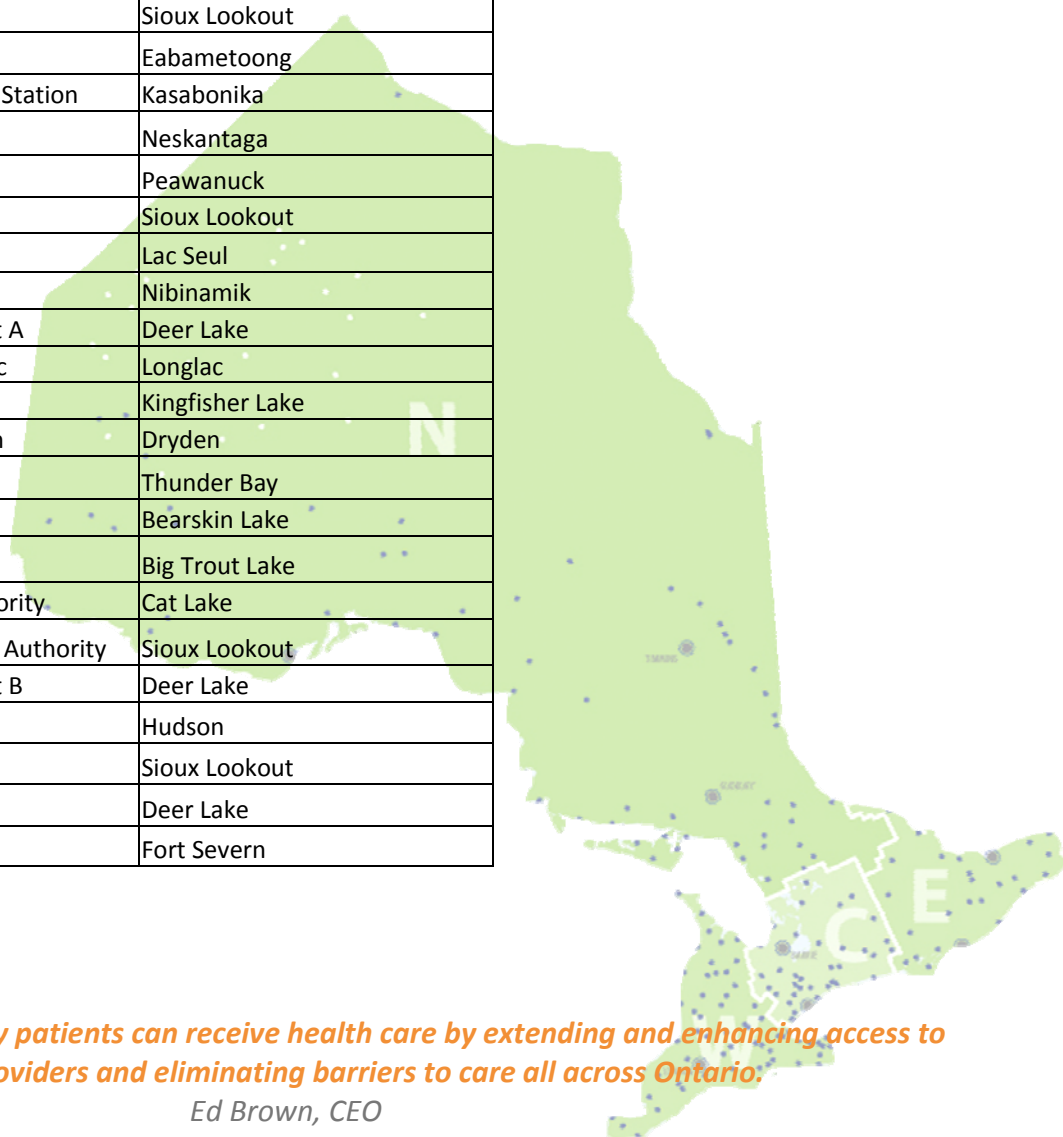


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Site Name	Community
Lakehead University	Thunder Bay
Health Sciences North-ISDN	Thunder Bay
KNet	Sioux Lookout
Contact North	Dryden
Lakehead Regional Family Centre	Thunder Bay
Lakehead Psychiatric Hospital	Thunder Bay
Health Canada - Thunder Bay	Thunder Bay
Aboriginal Child and Family Services	Kenora
Meno_Ya_Win Health Centre - 5th Ave Site	Sioux Lookout
KOTM - Pikangikum First Nation	Pikangikum
KOTM - Sachigo Lake First Nation	Sachigo Lake
KOTM - North Caribou First Nation	North Caribou Lake
KOTM - Webequie First Nation	Webequie
KOTM - Nodin CFI - Sioux Lookout First Nations Health Authority	Sioux Lookout
KOTM - Eabametoong First Nation	Eabametoong
KOTM - Emily Anderson Memorial Nursing Station	Kasabonika
KOTM - Neskantaga Nursing Station	Neskantaga
KOTM - Peawanuck	Peawanuck
KOTM - Sioux Lookout Diabetes Program	Sioux Lookout
KOTM - Lac Seul First Nation	Lac Seul
KOTM - Nibinamik First Nation	Nibinamik
KOTM - Deer Lake First Nation - Home Unit A	Deer Lake
Ont. Addiction Treatment Centres - Longlac	Longlac
KOTM - Kingfisher Lake Nursing Station	Kingfisher Lake
Ont. Addiction Treatment Centres - Dryden	Dryden
Metis Nation of Ontario - Thunder Bay	Thunder Bay
KOTM - Bearskin Lake First Nation	Bearskin Lake
KOTM - Big Trout Lake Nursing Station	Big Trout Lake
KOTM - Cat Lake First Nations Health Authority	Cat Lake
KOTM - Sioux Lookout First Nations Health Authority	Sioux Lookout
KOTM - Deer Lake First Nation - Home Unit B	Deer Lake
KOTM - Frenchman's Head Health Centre	Hudson
KOTM - Sioux Lookout Remedy's Rx	Sioux Lookout
KOTM - Deer Lake Nursing Station	Deer Lake
KOTM - Fort Severn Nursing Station	Fort Severn

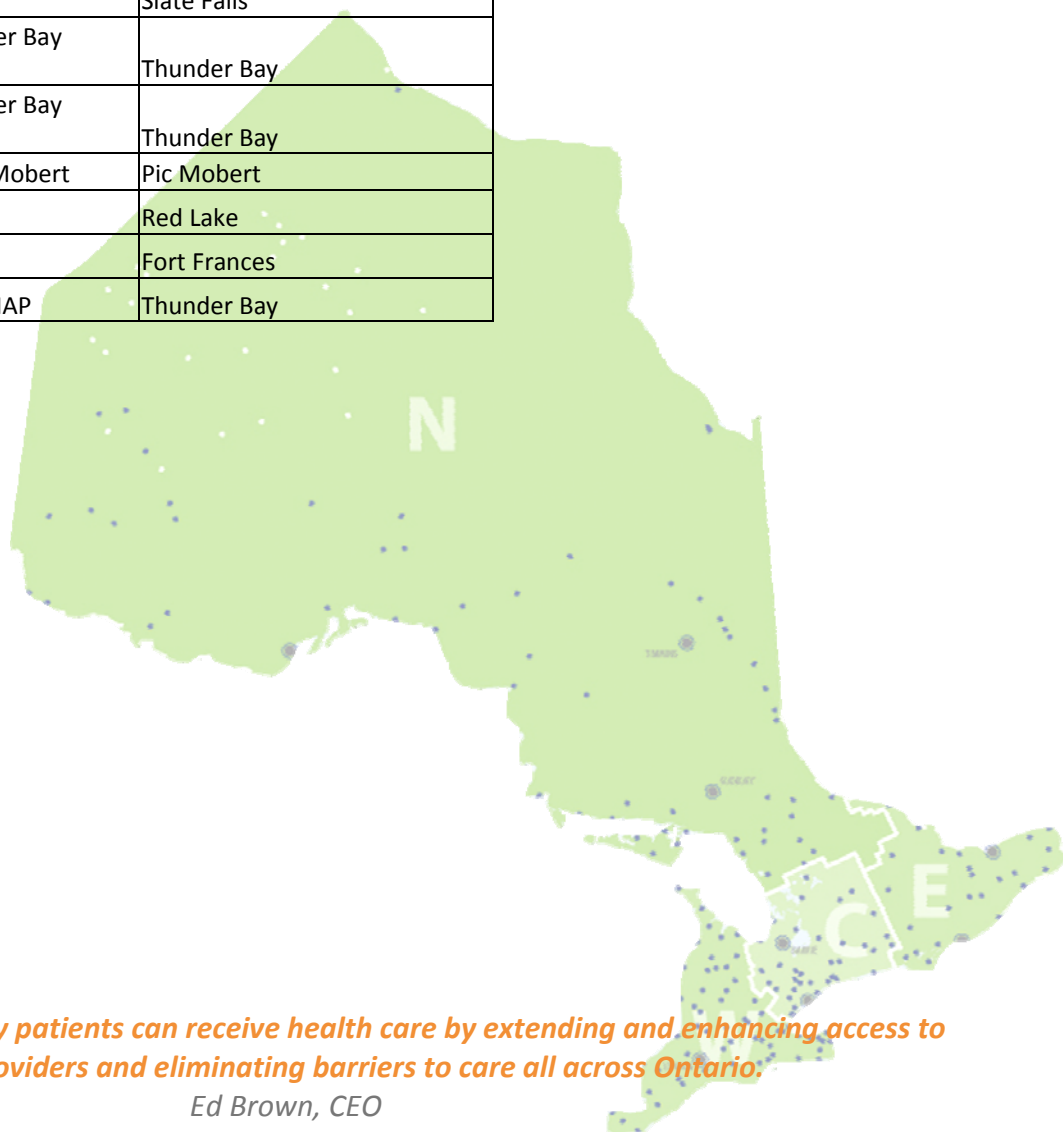
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KOTM - Keewaywin Nursing Station	Keewaywin
KOTM - North Spirit Lake Nursing Station	North Spirit Lake
KOTM - Poplar Hill Nursing Station	Poplar Hill
KOTM - Keewaytinook Okimakanak Telehealth	Balmertown
KOTM - Keewaytinook Okimakanak Northern Chiefs Council - Balmertown	Balmertown
KOTM - Keewaytinook Okimakanak Northern Chiefs Council - Sioux Lookout	Sioux Lookout
KOTM - Wunnumin Lake Nursing Station	Wunnumin Lake
KOTM - Judas & Emily Winter Memorial Clinic	Wapekeka
KOTM - Shibogama First Nations Council	Sioux Lookout
KOTM - Sandy Lake Nursing Station	Sandy Lake
KOTM - Mishkeegogamang First Nation	Mishkeegogamang
KOTM - Muskrat Dam First Nation	Muskrat Dam
KOTM - Slate Falls First Nation	Slate Falls
Ont. Addiction Treatment Centres - Thunder Bay Cumberland	Thunder Bay
Ont. Addiction Treatment Centres - Thunder Bay Victoria	Thunder Bay
Ontario Addiction Treatment Centre - Pic Mobert	Pic Mobert
KOTM - Red Lake Medical Associates	Red Lake
Weechi-it-te-win Family Services	Fort Frances
Thunder Bay Public Health Laboratory - OHAP	Thunder Bay



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