



## HEALTH INFORMATION ACT

### DESIGNATED ELECTRONIC HEALTH INFORMATION SYSTEMS

Name of system	Description of system
Diagnostic Imaging / Picture Archiving and Communication System (DI/PACS)	<p>A system for the digitization, reading and analysis of diagnostic images and archiving for longitudinal use.</p> <p>Digital archiving systems known as Picture Archiving and Communications Systems (PACS) consist of groups of computer servers and special display computer stations that allow the viewing and archiving of digital/electronic images taken using diagnostic imaging, such as</p> <ul style="list-style-type: none"><li>• X-ray</li><li>• Magnetic resonance imaging (MRI)</li><li>• CAT scan</li><li>• CT scan</li></ul> <p>Also used with the Impax Viewer and Xero Viewer – viewing tools used to view information in DIPACS; ChartScriptMD is required for PACS integration, and allows creation and signing of patient documentation in one session;</p> <p>Carestream – digitizes x-rays for use in DIPACS.</p>
Electronic medical record system (EMR)	<p>EMR is an electronic system of patient information used in health care clinics for scheduling, longitudinal charting and billing to support the delivery of patient care. It is available across the NWT, in all health authorities.</p>
Enterprise Master Patient Index (EMPI)	<p>The repository for all NWT residents' demographic information received from feeder systems (other NWT electronic health information systems, eg. EMR, iEHR). It is used to link records from systems together against one patient record.</p>

Name of system	Description of system
<p>Health Management Information System (HMIS)</p> <p><b>Note:</b> is comprised of ICore, MediGent, VSS.</p>	<p>System to adjudicate physician and hospital claims, provide case and invoice management for medical travel, and maintain NWT Health Care and Extended Health Benefits eligibility information. Used all across the territory. A client record is made up of information stored in several locations (i.e. database tables) in the database. The information is linked together to create a complete client record.</p>
<p>Health Suite</p>	<p>Integrated administration and claims processing software used by more than one authority – integrated with the HMIS.</p>
<p>ICore</p>	<p>A system to submit all physician claims to HMIS for adjudication and payment. Eventually will be replaced by the Territorial EMR. (Is one of the three systems that make up HMIS).</p>
<p>interoperable electronic health record (IEHR)</p>	<p>A secure and private “lifetime” view of a patient’s key health information (i.e. is viewing only, the record cannot be edited). IEHR is used with Alberta Health Services to facilitate services to NWT patients in Alberta, when services are not delivered in the NWT.</p>
<p>Interoperable Public Health Information System (IPHIS)</p>	<p>A web-based Public Health system mainly used for communicable disease (such as tuberculosis) and sexually transmitted infection surveillance, includes contact tracing.</p>
<p>Laboratory Information System</p>	<p>A system available across the NWT to record all NWT residents’ laboratory services.</p>

Name of system	Description of system
MediGent	Includes medical travel information, eligibility, insured services (Is one of the three systems that make up HMIS).
MediPatient	Local hospital patient information system used by several NWT Health and Social Services Authorities, and includes admission/discharge, radiology, rehabilitation and scheduling functions.
MediPharm	The pharmacy management system.
ORMED	Billing system used with medical travel - Integrated with HMIS.
Risk Monitor Pro	Health and Social Services Authorities use it for incident reporting.
Vital Statistics System (VSS)	A system to record NWT Births, Still Births, Deaths, Adoptions, Marriages, and Changes of Name (Deed Polls). (Is one of the three systems that make up HMIS).