

MR

General Information

Background Material

A pan-Canadian Standard is a document or artifact established by a consensus-based standards development process that brings together volunteers and /or seeks out the views of persons who have an interest in the topic covered by this publication.

Pan-Canadian Standards provide the technical language and clinical terminology to enable the thousands of health care providers across the country to communicate and share health information in a consistent, safe and reliable manner. When used in eHealth solutions, these standards:

- support members of the care team to accurately interpret and exchange information needed for safe and effective care
- facilitate clinical decision support for alerts and reminders
- enable data to be aggregated, with appropriate approvals, for clinical research, ultimately leading to better outcomes

The following domains are included in the MR release series:

Release	Domains Affected
MR 02.06	Terminology
MR 02.05.01	Provider Registry
MR 02.05	Claims, Client Registry, Common Services, Drug, Lab, Location Registry, Privacy & Security, Provider Registry, Public Health, Shared Health, Terminology

Note: If you wish to access prior MR releases, please [email Infodesk](#) or call 416-595-3417/1-877-595-3417 (toll-free).

Update

In November 2017, the Canadian HL7 InfoCentral community determined that there was no longer any need to do further updates to the pan-Canadian Version 3 messages. As a result, the December 2012 releases of MR02.06.01 and CeRx 4.4.2 are the latest pan-Canadian publications of these standardized messages.

The HL7 Explorer, the Master Terminology Worksheet (MTW) and all other messaging related artifacts are aligned with the latest releases.

Local updates to the messages will continue to be supported with Message ReMixer and Message Builder and published on InfoCentral.

Value sets will continue to be updated as required and published in the Terminology Gateway.

Claims

Claims Standards allow the electronic exchange of health financial data. Claims standards provide the foundation for claims information exchange across the continuum of care and can support a wide range of health care providers including physicians, pharmacists, dentists, physiotherapists, optometrists, chiropractors with managing electronic claims.

Client Registry

Client Registry Standards allow Canadian patients to be uniquely identified across the continuum of care through a jurisdictional Client Registry system. Client Registries are single directories or "white pages" in each province or territory that contain the most accurate patient demographic information including name, age, gender, date of birth and home address.

Common Services

The common services are used across multiple domains including Drug, Lab, Public Health, Shared Health Records, Non-Clinical Registries Privacy and Security and Claims. Our common services include Common Implementation Guides, Terminology Shared Interactions and Data Types.

Drug

The Drug Standards provide physicians, pharmacists and other health care providers with an improved ability to manage complete patient medication profiles across the continuum of care through a jurisdictional Drug Information System. This domain provides support for Prescribing, Dispensing, Adding other medication to a patient's record such as physician samples or over-the-counter medications, Patient medication queries including contraindications that have previously been identified and managed, Drug queries, Checking contraindications such as drug-to-drug interactions, drug-to-allergy interactions or dosage checking and managing prescription status (e.g. prescriptions that are put on hold)

Lab

The Laboratory Standards allow access, management and storage of patient laboratory orders and results across the continuum of care through a jurisdictional Laboratory Informational System. Laboratory results are a critical factor in clinical decision making. Many patients complete tests in different healthcare locations. If online sharing of test information is limited, test results are often duplicated when a patient then visits different healthcare providers. This lack of available laboratory test information limits timely clinical decision making.

Location Registry

Location Registry Standards allow unique identification of locations that deliver patient care across the continuum of care (e.g. hospitals, clinics, physician offices, etc.), through a Service Delivery Location Registry system. The Location Registry is a single directory or "yellow pages" per jurisdiction, providing a comprehensive and unambiguous identification of where health services are provided.

Privacy & Security

Privacy and Security Standards provide a code of practice for information security management. They establish guidelines and general principles for initiating, implementing, maintaining, and improving an organization's information security management.

Provider Registry

Provider Registry Standards allow unique identification of Canadian health care providers across the continuum of care, through a jurisdictional Provider Registry system. The Provider Registry is a single directory or "yellow pages" per jurisdiction providing a comprehensive and unambiguous identification of participating health care providers (physicians, pharmacists, nurses and other health care providers). Demographic information includes name, role, gender, Regulatory College license number, and the different locations in which health care providers deliver services.

Public Health

The Public Health Standards allow the identification and management of immunizations through a jurisdictional Public Health Surveillance system. These standards support Public Health Surveillance business practice in the areas of immunization management.

Shared Health

The Shared Health Standards allow support for health records that could be shared across multiple domains. The transactions include: adverse events, allergy, clinical observations, discharge care summary, care compositions, health conditions, professional services, and referral.