



# Inclusion of Nursing-Related Patient Outcomes in Electronic Health Records

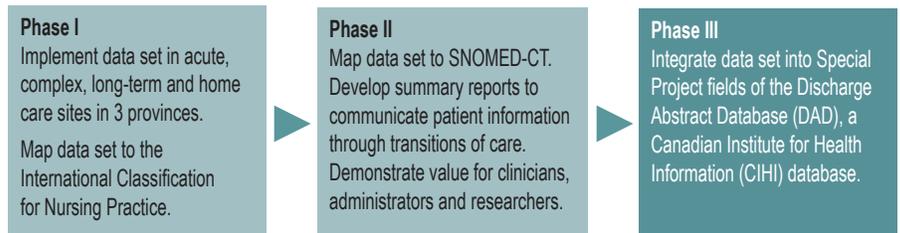
Standardizing data pertaining to health outcomes promotes consistency and allows information to be compared across practice settings. Health care administrators and providers who use the C-HOBIC data set receive real-time reports that they can link with data on staffing, finance, length of stay and readmissions, which in turn informs them of how well their organization is managing clinical outcomes.

## Information sheet

**Canadian Health Outcomes for Better Information and Care (C-HOBIC)** is leading the collection of standardized clinical outcomes that reflect nursing practices in Canada.

**C-HOBIC** introduces a common, structured terminology for use in patient assessment and in electronic health record (EHR) documentation in acute care, complex continuing care, long-term care and home care. This data set includes terminology in the following areas:

- Functional status and continence
- Symptoms: pain, nausea, fatigue, laboured breathing
- Safety outcomes: falls, pressure ulcers
- Readiness for discharge



Direct health care programs and services	Health research	Health care system
C-HOBIC data informs and evaluates operational decisions and resource allocation, helps set industry benchmarks and provides real-time information to support clinical practice.	C-HOBIC provides standardized clinical data to answer research questions about the impact of practice on clinical outcomes and to support research on new approaches to clinical practice.	C-HOBIC empowers better health system management decision-making, offers deeper insight into how facilities manage clinical outcomes and follows patients across the health care continuum.

## C-HOBIC Phase III

**Entering its third phase, the C-HOBIC data set is being integrated into the DAD (CIHI's acute care database) using Special Project fields.** This phase will provide standardized, patient-centred clinical outcomes data from acute care and will help facilitate insightful collection and analysis of clinical outcomes, health system use and performance reporting.

## Information Sheet

**Pilot implementation and evaluation** will be undertaken to gather feedback on feasibility, value and utility for C-HOBIC, CIHI and the project partners. During this phase, the C-HOBIC team will pilot the collection of data in 2 acute care sites from 2015 to 2017.

As an initial step toward collecting the C-HOBIC data set in the DAD, CIHI has offered the C-HOBIC initiative the option to use the Special Project fields in the DAD abstract to collect information on the 48 data elements required for this initiative — 24 on admission and 24 on discharge (see table below).

**Table:** 48 data elements collected in the C-HOBIC project

Data elements	Measure
<b>Functional status and continence (ADLs/IADLs)</b>	
Bathing	interRAI AC
Personal hygiene	interRAI AC
Walking	interRAI AC
Toilet transfer	interRAI AC
Toilet use	interRAI AC
Bed mobility	interRAI AC
Dressing	interRAI AC
Eating	interRAI AC
Bladder continence	interRAI AC
<b>Symptoms</b>	
Pain — frequency	interRAI AC
Pain — intensity	0–10 scale
Fatigue	interRAI AC
Dyspnea	interRAI AC
Nausea	interRAI AC
<b>Safety</b>	
Falls	interRAI AC
Pressure ulcer	interRAI AC
<b>Therapeutic self-care</b>	
Knowledge of current medications	Sidani and Doran tool
Knowledge about why you are taking current medications	Sidani and Doran tool
Ability to take medications as prescribed	Sidani and Doran tool
Recognition of changes in body (symptoms) related to health	Sidani and Doran tool
Carry out treatments to manage symptoms	Sidani and Doran tool
Ability to do everyday things like bathing, shopping	Sidani and Doran tool
Someone to call if help is needed	Sidani and Doran tool
Knowledge of whom to contact in case of a medical emergency	Sidani and Doran tool

### Notes

ADLs: Activities of daily living.  
 IADLs: Instrumental activities of daily living.  
 interRAI AC: interRAI Acute Care.

## Contact us

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