



Make better information available to improve decision-making

- Improve decision-making
- Improve access to clinical data
- Improve system performance

Fuller, richer information will give us a clearer picture of how we're doing and where we can improve.

We can proactively manage patient populations based on aggregate data.

Data from today will be used to benefit the patients of tomorrow – across health disciplines and organizations.

What's driving the CST project?

-  **Patient safety first**
Reduce errors and adverse events
-  **Face time, not chase time**
Improve the health care experience for patients and care teams
-  **Best way, every day**
Improve quality and consistency of care
-  **Draw on data**
Make better information available to improve decision-making
-  **Strengthen our core**
Improve system reliability and sustainability

Transformation in action: Putting data to work



Using better and more accessible data helps inform health system management and quality improvement

- The information used to support quality improvement initiatives will be more up-to-date and available more quickly, so it will be easier to make positive, timely changes. It will also be standardized and comparable across VCH, PHSA and PHC.
- The ability to monitor health system status in real time or near-real time will allow health administrators

to quickly respond to emerging needs. For example, access leaders in the Emergency Department will be able to see which patients are there, how long they've been in ED, where care is being delayed and what might be causing problems.

Enabling proactive care for at-risk individuals and populations

- Access to more complete, real-time patient information, and clinical decision support tools that can analyze that data, will allow providers and clinicians to identify and address problems sooner (like sepsis).
- Access to aggregated data on patient populations across VCH, PHSA and PHC will make it easier for health system managers to plan and manage population health issues.

Improving the availability of high-quality and readily accessible data for research

- The new clinical information system will provide a trusted, reliable source of data.
- Bedside clinicians and data analysts who access data for research will be able to do so electronically, instead of having to request paper charts from Health Information Management and reviewing them manually, so the process will be much more efficient.
- Researchers will have tools to enable them to analyze current datasets, depending on access, which will decrease chart review time per research trial.

Based on collected data, if we found out there was a higher incidence of post-op delirium in certain types of surgical patients, we could strive to lower the incidence by eliminating contributing factors.



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about CST

The Clinical & Systems Transformation project is a joint initiative of three health organizations: Vancouver Coastal Health, Provincial Health Services Authority and Providence Health Care. Find out more at CSTproject.ca or contact us at info@CSTproject.ca.