

School of Health Information Science Seminar:

Developing a benefits realization framework for continuous EHR transformation



Speakers:

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In fall 2023, the CST project assigned a team of clinical and analytics experts to develop an enterprise framework for benefits realization within Vancouver Coastal Health, Provincial Health Services Authority and Providence Health Care. From health research literature and actual findings, the CST benefits report demonstrates significant financial opportunities and outcomes, particularly within operational efficiencies. Further, the report's framework for future benefits realization highlights the potential for harnessing digital health to enable medication safety and continuity of care, planetary health, clinical improvements and improved patient outcomes.

As electronic health record system adoption increases throughout Canada, health care teams and their patients are experiencing early benefits. The ability to standardize clinical practices and operations in moving to one digital health record contributes to both the value and complexity of EHR transformation. The same may be said about EHR benefits evaluation and realization, largely at the preliminary stage across the health care system.

Considered one of the largest Oracle Health programs in North America in terms of scope, the CST project has rolled out to more than 42,000 users at 46+ health care sites in British Columbia. With a limited scope of six months, the CST project Benefits team set out to understand current benefits by focusing on key performance indicators within four benefit categories defined by health organization priorities. In the process, experts identified opportunities within governance, analytics, operations, education and technical services to achieve EHR benefits for the future.

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