

Fact File

With the aim of improving the collection and application of cervical cancer data, a consortium comprised of Ontario Health and local private laboratories engaged Inspirata to devise and implement a province-wide electronic health record for cervical screening for Ontario, Canada's largest province by population.



Ontario Health

Ontario Health (previously Cancer Care Ontario) is an agency created by the Government of Ontario to connect and coordinate the province's health care system to help ensure that its 14.5 million residents receive the best possible care. Ontario Health:

- Collects and analyzes data about cancer services, and combines it with evidence and research that is shared with the healthcare community in the form of guidelines and standards.
- Monitors and measure the performance of the cancer system.
- Engages cancer patients and their families in the design, delivery and evaluation of Ontario's cancer system.

Inscyte Corporation

Inscyte Corporation is a not-for-profit organization created by a consortium of Ontario Medical Laboratories and Ontario Health. Inscyte's mission is to collect cervical cancer screening results on Ontario patients, in standardized format and nomenclature, to provide insights into the progression of cervical cancer, and to improve the quality of testing, treatments and outcomes.



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Visit: <http://inspirata.com>
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Inspirata's Involvement

Inspirata was invited to help build a centralized database, and associated user and network interfaces, to host the results and manage the syndication of reports from all cervical screening tests performed in Ontario.

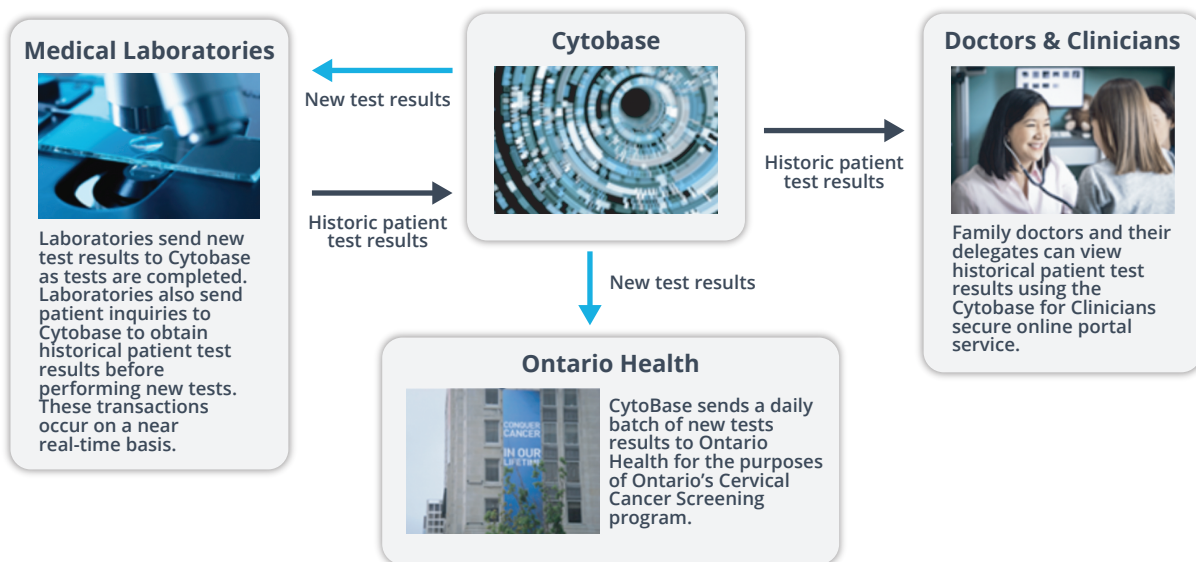
The core objectives were to:

1. Provide patient-centric historical test results to laboratory personnel. In the case of suspected malignancy, use previous results to inform the cytologist of disease progression. The infrastructure devised needed to ensure prior reports were made available to all cytologists irrespective of where in Ontario prior tests were performed.
2. Support the work of the Ontario Cervical Cancer Screening Program. Screening test results received from participating laboratories were required to be forwarded daily to Ontario Health for incorporation into the province's Integrated Cancer Screening system (ICS).
3. Facilitate monthly physician reminder letters ensuring that women are tested at appropriate intervals and that women with abnormal results receive follow-up within an appropriate time frame.
4. Afford a mechanism for personal health information contained within the database to be periodically aggregated to produce de-identified statistics describing the utilization and trends of cervical cancer screening in Ontario.

Introducing CytoBase

Satisfying the stated objectives, Inspirata successfully built and implemented CytoBase.

The database, solution architecture and associated outputs and end-users work as follows:



CytoBase - A Cervical Screening Success Story

CytoBase has been utilized by Ontario Health continuously since its inception. At the time of writing:

- 90% of the province's annual cervical tests are put through CytoBase
- 7.4 million Ontarians have their test results hosted in the system
- 30.8 million cytology reports have been processed

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