A new cancer data environment is coming

DECIDe
Data Environment for Cancer Inquiries and Decisions

What is DECIDe?

The new Data Environment for Cancer Inquiries and Decisions will provide **streamlined access to all cancer patient data from multiple sources** in one place.

Housed within the AHS Enterprise Data Warehouse and managed by experts in cancer data science, DECIDe creates a single environment of comprehensive, linked, cancer patient information. Initially, analysts within Cancer Research & Analytics (Cancer Care Alberta) will be the primary users to support clinical teams, quality improvement (QI) and research, with eventual access by a broader research community.

Why do we need it?

Currently, linkage of cancer data involves time-consuming access, comparison and analysis of information from up to 7 different sources, often taking months to complete. Streamlining access will shorten this timeline.

Further, with the launch of Connect Care, **all existing cancer data products will need to be rebuilt.**

DECIDe will ensure efficient access and continuity of cancer data, once Connect Care goes live. DECIDe will meet the needs of CCA, other stakeholders and research partners, with the ultimate goal of improving outcomes and experiences for people facing cancer.

Alberta Thoracic Oncology Program

ARIA Radiation Oncology

ARIA Medical Oncology

Alberta Cancer Registry

Cancer Surgery Alberta

Connect Care

Other related sources

Patient Reported Outcomes

DECIDe Phase I:

Initially, cancer analysts will use DECIDe to fulfill data requests and support planning, performance measurement, quality improvement and research

The same data request process will be used. *The only difference you'll notice is improved efficiency and accessibility to a wider range of data.*

🚀 *Opens November 2022 in conjunction with Connect Care Launch 5*

DECIDe Phase II:

Addition of Alberta Cancer Research Biobank and Alberta's Tomorrow Project data sources

Sample questions we'll be able to quickly answer:

"Do patient-reported symptom burdens differ by treatment protocols?"

"What is the stage distribution by tumour group and the associated wait time of a patient cohort?"

In the future:

Secondary users will have access to portions of the data

Addition of patient data from those undergoing investigations or treatment for possible cancer diagnoses

Addition of clinical Connect Care data not specific to patients' cancer diagnoses

What's in it for you?

More efficient

Pre-linked data will enable efficient and streamlined fulfillment of data requests.

More complex requests

Improved efficiency will mean we can support increasingly complex requests with the same resources.

More consistent

Pre-linked data will facilitate the creation of key standard algorithms, data sets, reports and clear documentation.

Cancer Care Alberta

CANCER RESEARCH & ANALYTICS

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