

The logo for Cancer Care Ontario (CCO) is a blue square with rounded corners containing the letters 'CCO' in white. The background of the slide is a blurred image of a healthcare professional in a blue coat with a stethoscope, and several hands are clasped together in the foreground, symbolizing support and care.

CCO

Cancer Care Ontario

Engaging Regional Cancer Centre Healthcare Professionals in Identifying Cancer Surveillance Informational Needs

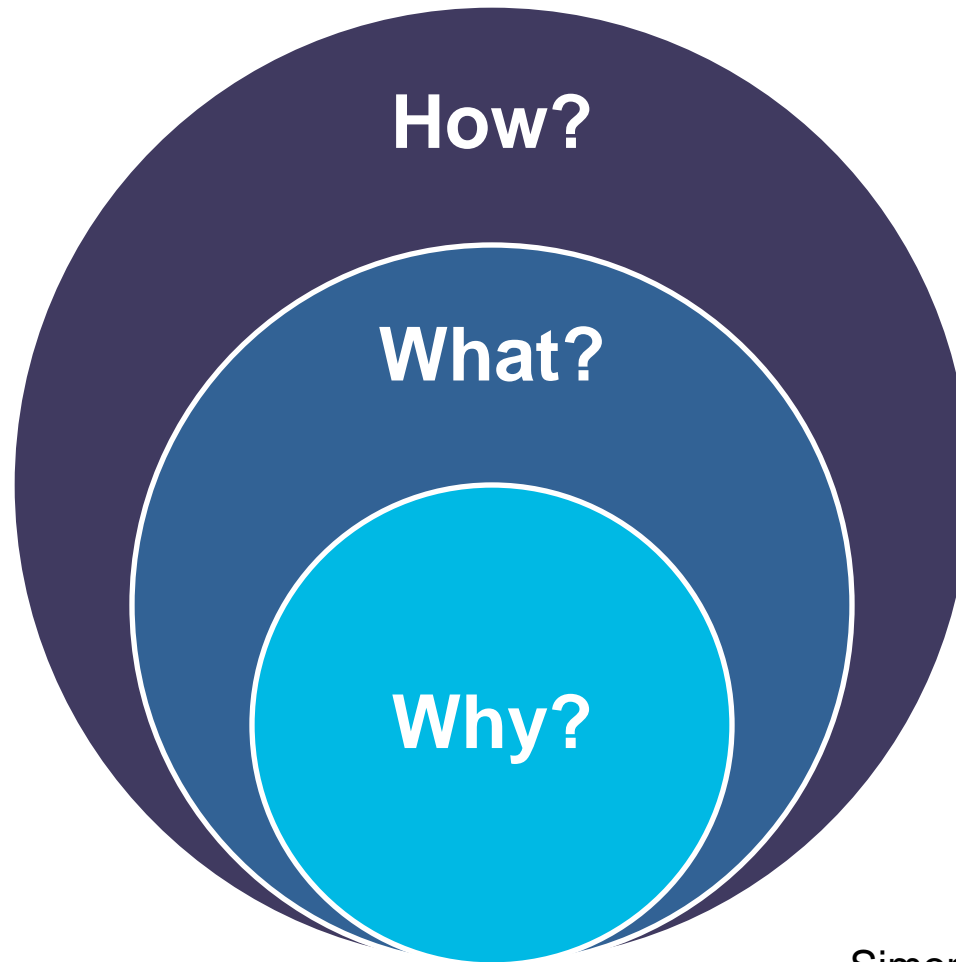
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Image Source: <https://www.huddle.com/blog/information-overload/>

Objectives



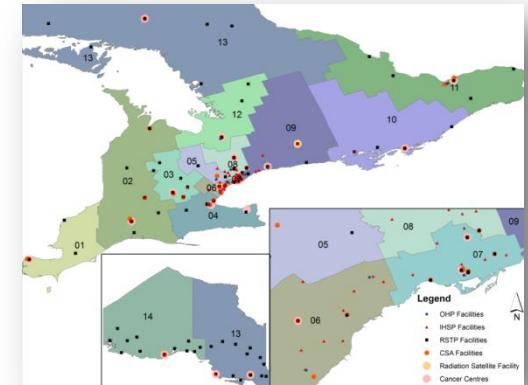
Simon Sinek, Start with Why

Ontario's Landscape

Population: 13.6 million people

Health Regions: 14

Distributed cancer system: 14 Regional Cancer Centres (RCC) and one central cancer agency: Cancer Care Ontario (CCO)



- CCO is the Ontario government's advisor on the cancer and renal systems, as well as on access to care for key health services.
- CCO drives continuous improvement in disease prevention and screening, the delivery of care and the patient experience.

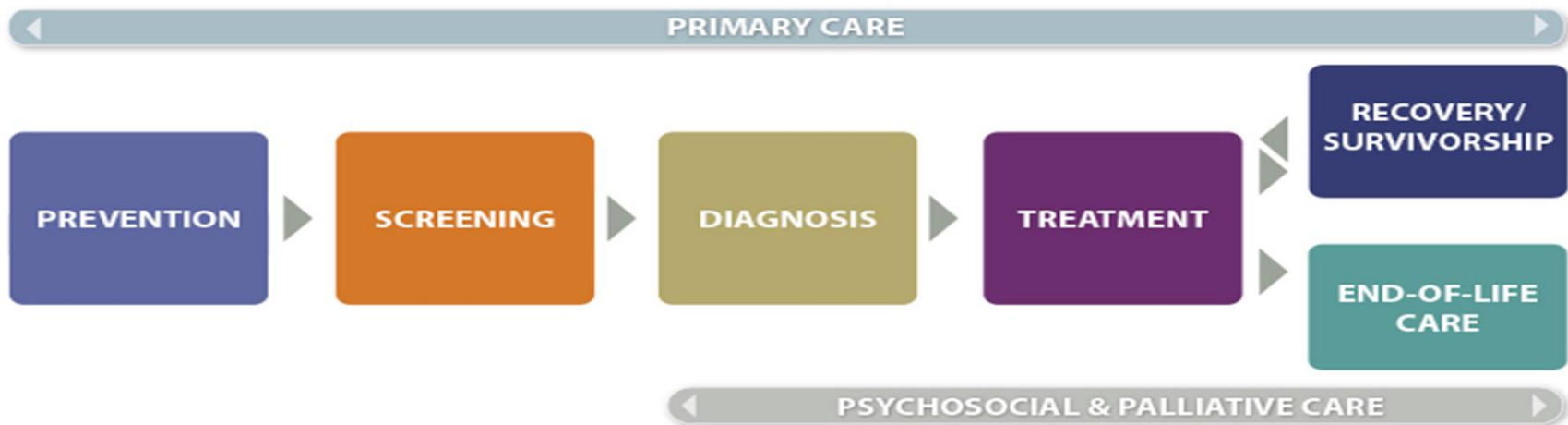
Project Background

- Regional Cancer Centres (RCC) were moving towards adoption of ambulatory Electronic Medical Records (EMRs).
- Standards approach to the EMR development process with the integrated patient cancer journey as central to the process.
 - This approach included: 1) Information Standards; 2) Data Standards; 3) Functional Requirement Standards and 4) Interoperability Standards.
- Identification of cancer surveillance informational needs through:
 - Engaging Healthcare Professionals across Ontario
 - Elicit concepts for performance and quality measures focused on assessing risk factors, cancer incidence, mortality and survival rates.

What information is important to you to deliver safe and efficient cancer care?

The cancer journey

Better cancer services every step of the way



Regional Participation – 435 Participants

	Clinical	Operational	Online Survey
Number of sites	13	13	N/A
Number of participants N=435	135	106	194
Participant / Type	Physician (35%) Managers (39%) Allied professions (14%) Nursing (4%)	Manager / Admin (68%) IT Professional (14%)	Nursing (40%) Physicians (24%) Other (30%): Allied, Managers...



1,598

**Indicator Concepts
Generated**



Distillation of Clinical and Operational Indicator Concepts

CLINICAL

981

1st Round removed functionality

807

2nd Round removed statistics and duplicates

220

3rd Round removed information found in other systems

63

118

4th Round, removed current inventory (9), statistics (30) and merged duplicates (42)

OPERATIONAL

617

1st Round removed clinical concepts

420

2nd Round removed information found in other systems

117

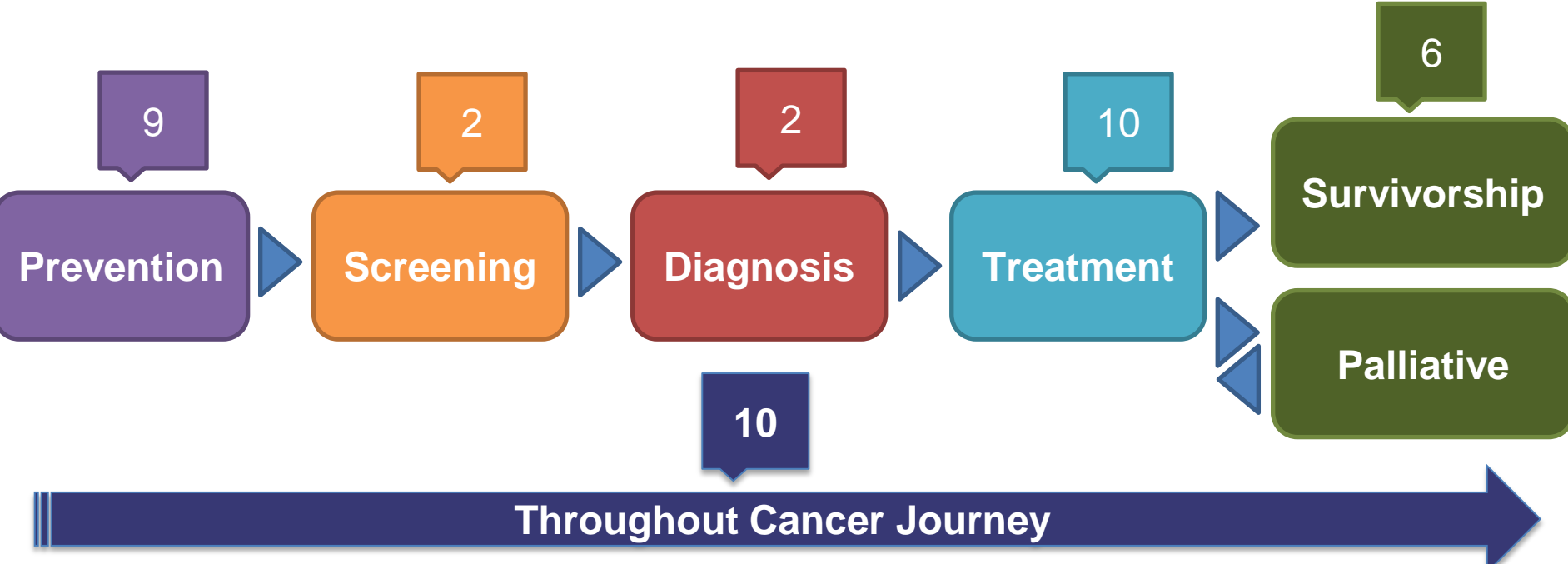
3rd Round removed niche concepts

55



39
Surveillance
Indicator
concepts

Surveillance across the Integrated Cancer Journey



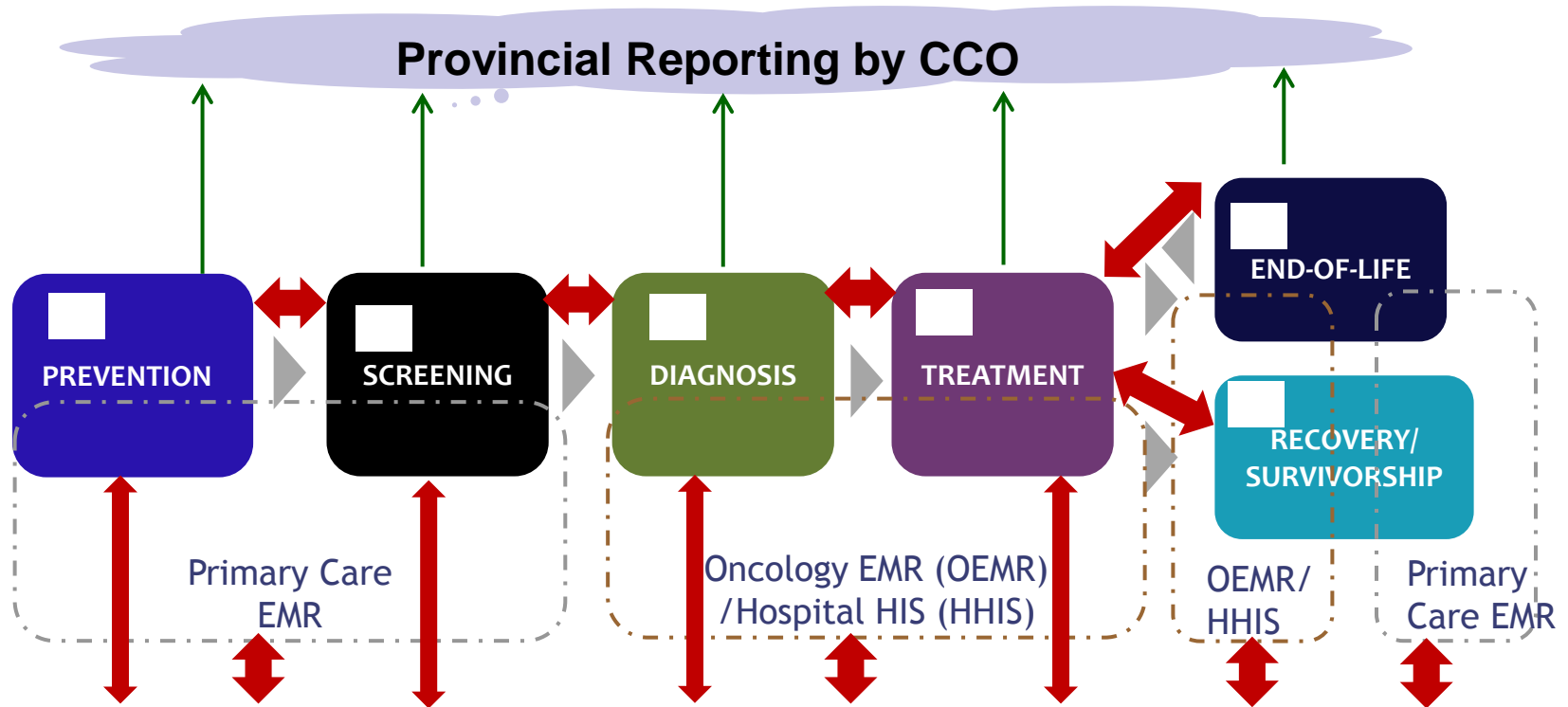
Local Indicator - Use for Population Health

Phase	Local Indicator	Potential Translation to Population Health
Prevention	Participation in lifestyle modification for physical activity, smoking status, alcohol consumption, compliance with Canada's Food Guide, stress/anxiety	Percentage of the population that participates in lifestyle modification programs. Eg. Smoking Cessation*
Screening	Tests performed out of centre that contributed to diagnosis	Percentage of the population that participate in screening programs
Diagnosis	List all comorbidities under patient's diagnosis not just cancer diagnosis	Comorbidities that may develop as a cause of cancer diagnosis or treatment

Local Indicator - Use for Population Health

Phase	Local Indicator	Potential Translation to Population Health
Treatment	Peri-operative transfusion rates (better survival for patients that do not receive transfusion)	Surgical procedures and their transfusion requirements (hospital utilization statistics)
Survivorship	Percentage of survivors who access supportive care services in cancer centres	Utilization of services and prevention of survivorship related issues, such as prevention of recurrence
Throughout Cancer Journey	Documentation of Fitness Level during the entire journey e.g. ECOG performance status; fitness levels	Activity levels of cancer journey patients and the impact of physical activity*

Putting It All Together



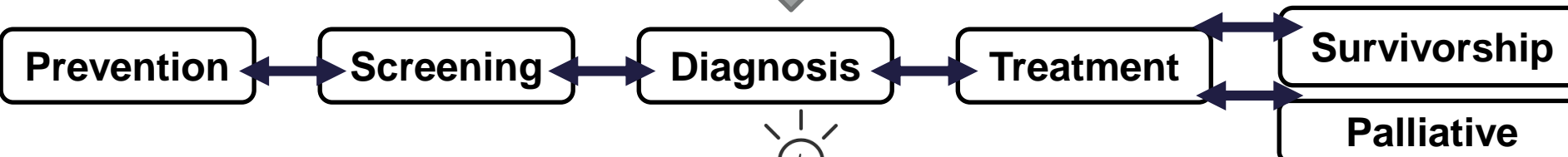
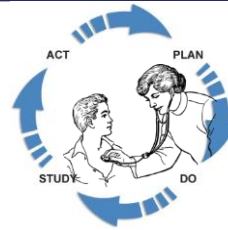
PROVINCIAL ASSETS

User



- Single sign on
- Point of care tools
- Key context sensitive data

Value



33% of Indicator Concepts – Cancer Surveillance



Acknowledgements

- **Regional Cancer Centres**
- **Hospitals**
- **eHealth Ontario**
- **Cancer Care Ontario**

[Final Report:](#)

<http://www.cancercare.on.ca/toolbox/oncisstand/>





Cancer Care Ontario

Questions?

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