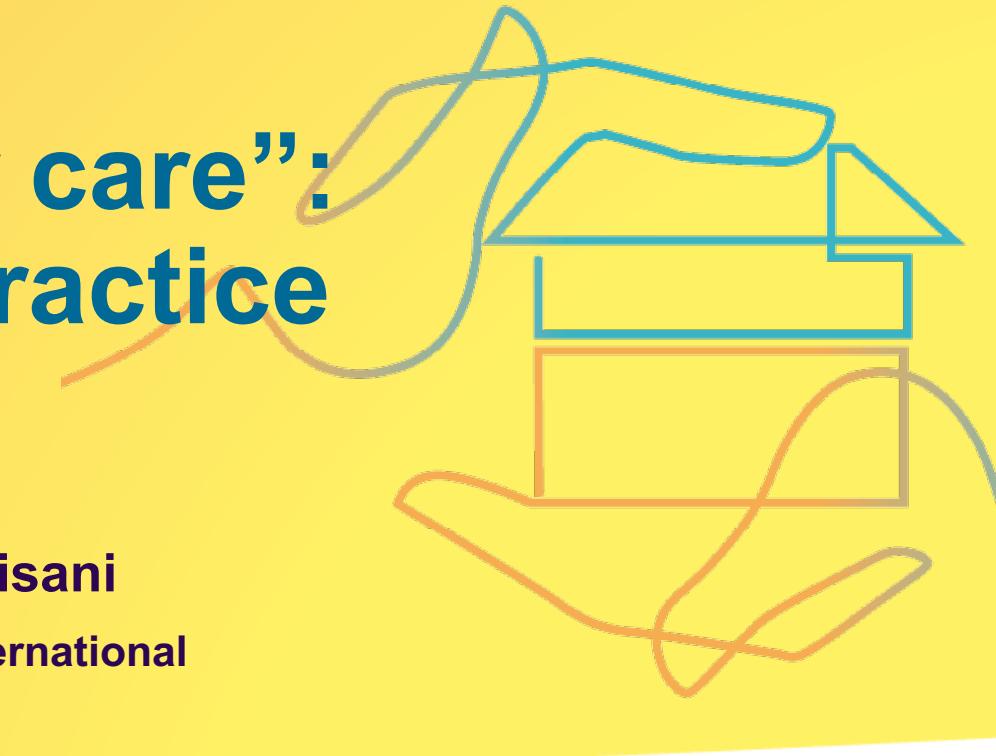




“Building efficiency in cancer care”: a policy blueprint and good practice model

PROMIS Summer School -
23-24 June 2022

Eduardo Pisani
CEO, All.Can International



#BuildingEfficiencyInCancerCare



@All.CanGroup



All-Can

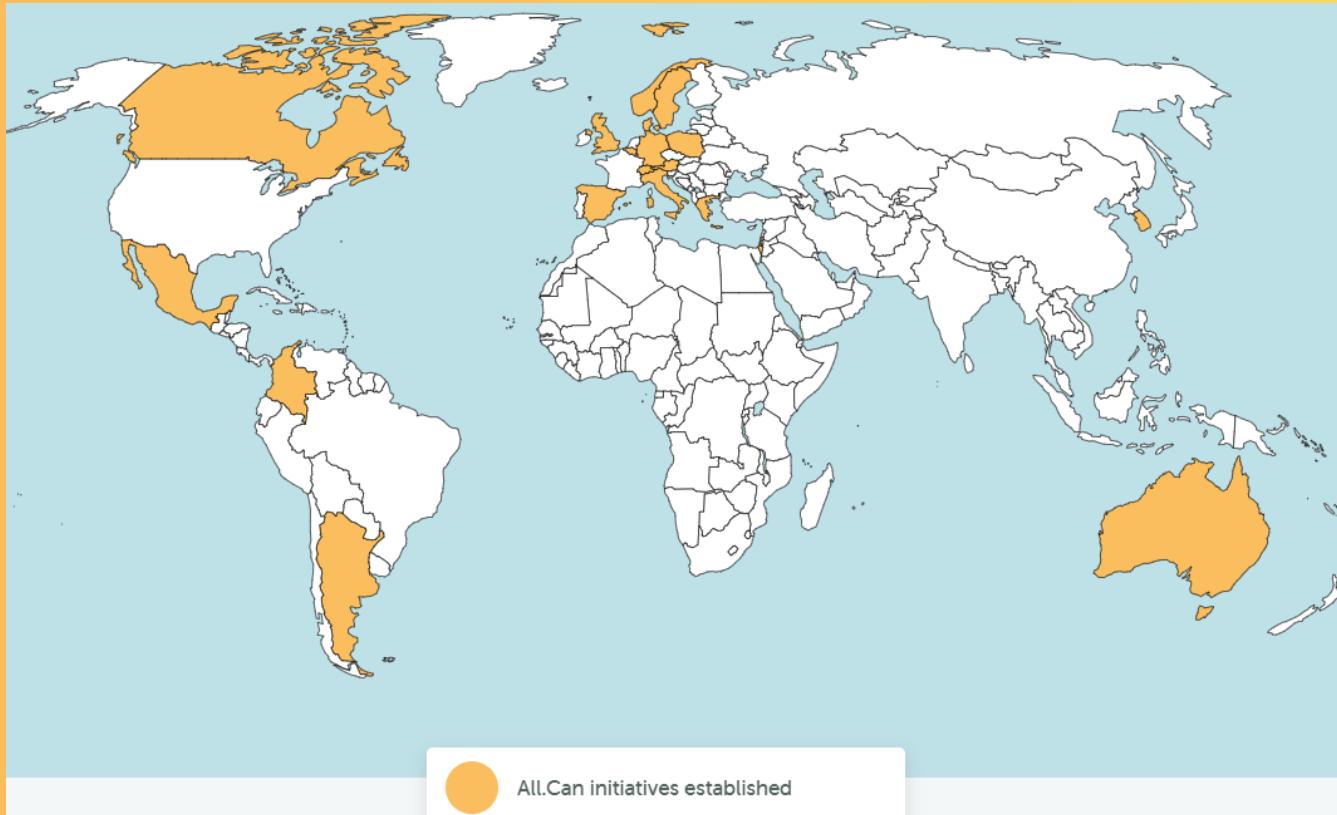


@All.CanGroup



All Can International

All.Can: expanding our network across the globe, externally and internally... 30 members and 20 countries



Patient Groups...



Healthcare Professionals...



Private Sector...



... and partnerships



Efficient cancer care is more important than ever

Inefficiency:

- Wastes healthcare resources
- Compromises patient outcomes
- Results in avoidable deaths

Improving efficiency is vital to:

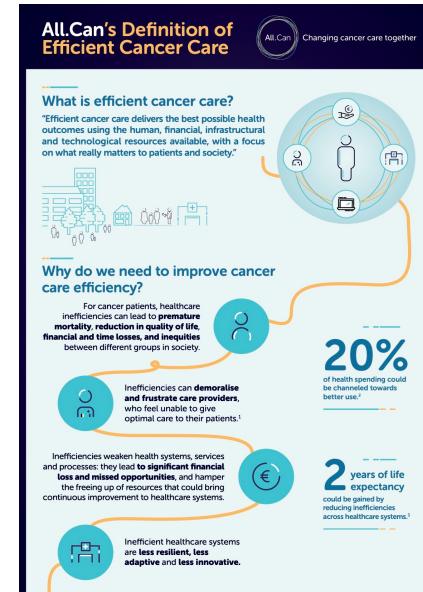
- Achieve the SDGs*
- Meeting healthcare demands while managing cost pressures
- Making health systems more equitable and sustainable
- Mitigate the impact of COVID-19 pandemic



*SDGs: United Nations Sustainable Development Goals

Aspirations of efficient cancer care

- Deliver accessible, patient-centric, evidence-based and quality care to achieve best possible outcomes and experience for all cancer patients at individual- and population-levels
- Drive towards adaptive & learning healthcare systems that enable better and equitable use of resources now and in the future



- Measure efficiency
- Invest in data
- Scale-up solutions
- Promote implementation

The 10 initiatives of the Europe's Beating Cancer Plan

1	Knowledge Centre on Cancer	2021-22	Coordinare iniziative scientifiche e tecniche e promuovere ricerca e innovazione
2	European Cancer Imaging initiative (<i>diagnostica per immagini dei tumori</i>)	2022	Sostenere lo sviluppo di strumenti computerizzati utili a medicina personalizzata
3	Vaccinate >90% of girls and a significant increase boys against HPV by 2030	2030	
4	EU Cancer Screening Scheme	2022-25	
5	EU Network linking recognised National Comprehensive Cancer Centres	2021-25	Assicurare standard elevati di diagnosi e trattamento
6	Cancer Diagnostic and Treatment for All initiative	2021-25	
7	European Initiative to Understand Cancer (UNCAN.eu)	2021-25	
8	Better life for cancer patients initiative	2021-23	
9	Cancer Inequalities Registry (<i>registro delle diseguaglianze</i>)	2021-22	Individuare tendenze, disparità e diseguaglianze tra e all'interno di Stati UE
10	Helping Children with Cancer initiative	2021-23	

#BuildingEfficiencyInCancerCare

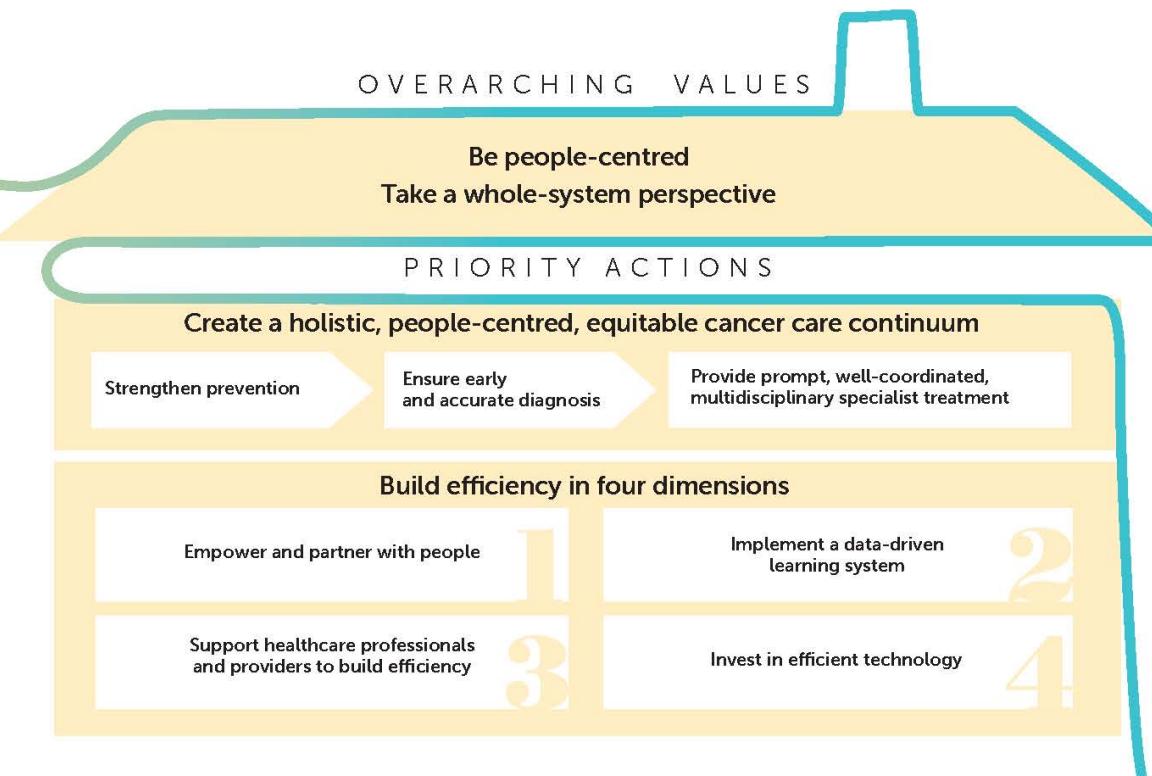


All-Can

Can International



Building efficiency in four dimensions



#BuildingEfficiencyInCancerCare

 @All.CanGroup

 @All.CanGroup

 All-Can

 All Can International



1. Empower and partner with people

Promote shared decision-making

- Improve communication between patients and healthcare professionals
- Employ PROMs*
- Harness digital health tools
- Support and promote access to patient organisations and support groups
- Include patients and carers in wider aspects of decision-making (cancer policymaking, etc)

*PROMs: patient reported outcome measures

Improve cancer literacy: patients, carers and the public

#BuildingEfficiencyInCancerCare



@All.CanGroup



@All.CanGroup



All-Can



All Can International



2. Support healthcare professionals and providers

- Invest and plan to meet workforce capacity and skill mix needs
- Enable and incentivise multidisciplinary care
- Support undergraduate and professional education & training
- Protect workforce wellbeing and safety

#BuildingEfficiencyInCancerCare

 @All.CanGroup

 @All.CanGroup

 All-Can

 All Can International



3. Implement a data-driven learning system

Promote PROMs in routine clinical care

Overcome challenges in harnessing data

- Data quality, representativeness, and relevance
- Data silos and interoperability
- Data governance and patient trust
- Healthcare professionals' buy-in
- Using data to transform care



4. Invest in efficient technology

- Disinvest away from obsolete, inefficient technologies and practices
- Implement regulatory and policy frameworks that incentivise efficiency
- Explore outcomes-based reimbursement schemes
- Break down financing silos
- Actively support technology adoption and equitable access in practice

#BuildingEfficiencyInCancerCare



Conclusions & call to action

- Make building efficiency in cancer care a top policy priority.
- Consult and collaborate, including with people with cancer and carers.
- Scale up efficient practices, technologies, data systems and other forms of innovation while disinvesting from inefficient ones.
- Align organisational frameworks, data systems, policies and incentives towards efficient care.
- Resource actions to build efficiency, reflecting the impact of cancer.

#BuildingEfficiencyInCancerCare

 @All.CanGroup

 @All.CanGroup

 All-Can

 All Can International



The All.Can Cancer Efficiency Metrics Study (June 2022)



This report identifies an evidence-based suite of cancer care efficiency metrics.

These can be applied, albeit in varying ways, by multiple stakeholders across the cancer care continuum and across many countries to assess, consistently benchmark and improve efficiency in cancer care

#BuildingEfficiencyInCancerCare

@All.CanGroup

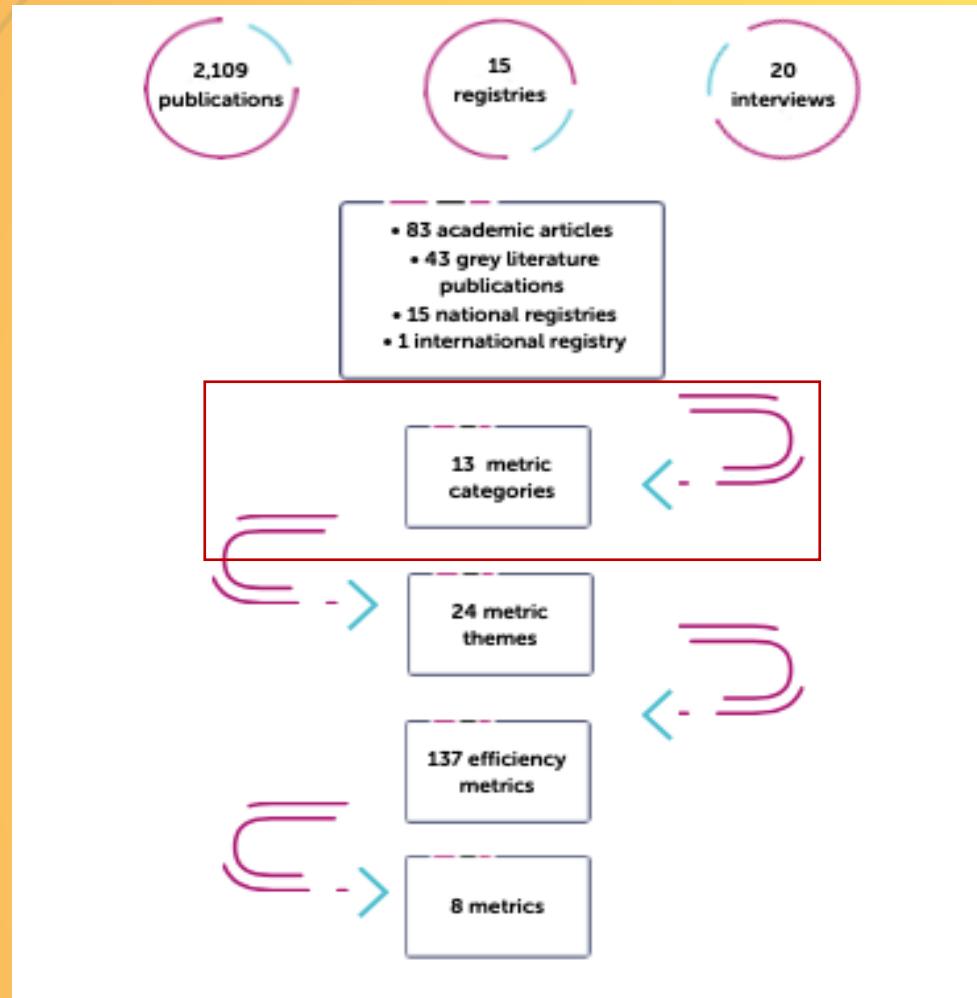
@All.CanGroup

All-Can

All Can International



Key findings: 13 Themes in Cancer Care Efficiency



- | | |
|---|---|
| <p>1 Timeliness of care</p> <p>2 Quality of care</p> <p>3 Therapeutic alliance</p> <p>4 Continuity of care</p> <p>5 Palliative and end-of-life care</p> <p>6 Psychosocial oncology</p> <p>7 Information, support, and shared decision-making</p> | <p>8 Patient experience and involvement in care</p> <p>9 Survivorship</p> <p>10 Financial toxicity</p> <p>11 Patient reported outcomes</p> <p>12 Patient social environment and attitude</p> <p>13 Innovation</p> |
|---|---|

#BuildingEfficiencyInCancerCare

@All.CanGroup

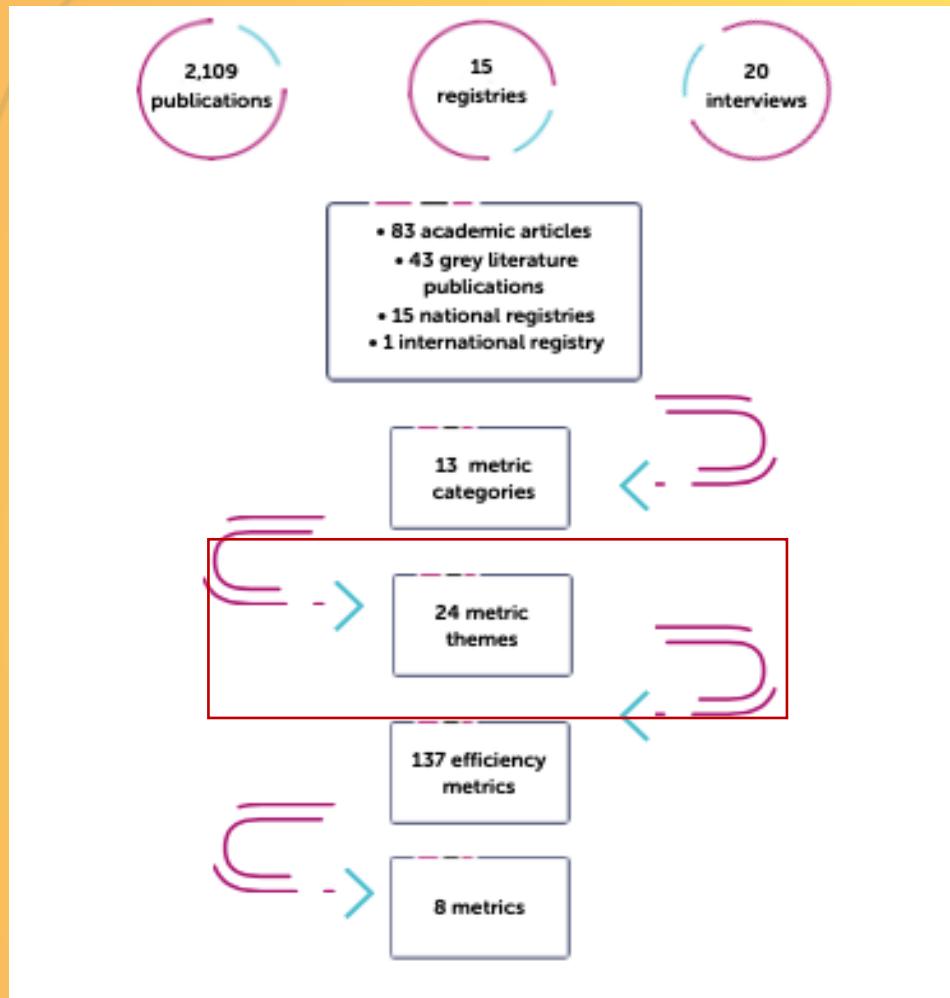
@All.CanGroup

All-Can

All Can International



Key findings – 24 Cancer Efficiency Metric Themes



Timeliness of Care

- Swift diagnosis
- Optimising routes to diagnosis
- Appropriate and clinically indicated diagnosis
- Efficient referral to specialist services
- Early treatment initiation

Quality of Care

- Physician adherence to national guidelines
- Coordination of specialist resources
- Role of multidisciplinary teams (MDTs)
- Patient-reported outcomes (PROs) in routine care
- Patients' perceptions of care quality

Continuity of Care

- Adequacy of follow-up pathways
- Patients' experiences of COC
- Patients' and families' perceptions of palliative & EOL care
- Aggressiveness of end-of-life care

Psychosocial Oncology

- Psychosocial screening of high-risk patients
- Impact of cancer on family and patient relationships

Information, Support & Shared Decision-Making

- Patients' perceptions of physician communication
- Patients' experiences with decision-making
- Relationship between patients, caregivers, oncologists

Patient Voice in Patient Care

- Patient satisfaction, experience, and involvement in care
- Collaborating with patients to improve care quality

Survivorship

- Social support for patients and family
- Survivors' concerns and perceptions of support

Financial toxicity

- Financial impact of cancer on patients

#BuildingEfficiencyInCancerCare

@All.CanGroup

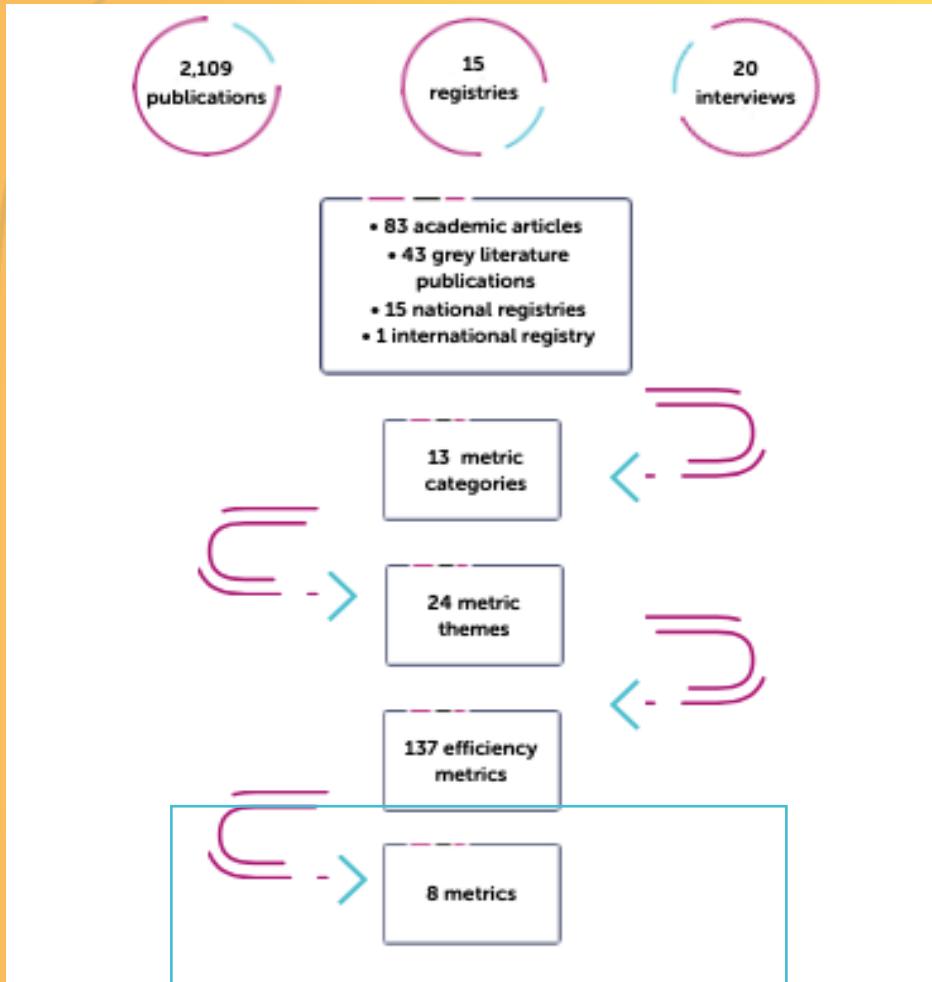
@All.CanGroup

All-Can

All Can International



Key findings – 8 Core Cancer Efficiency Metrics



Examining cross-referral of the 137 metrics led to identification of 8 core indicators reported consistently across all data sources (health literature, registries and stakeholder interviews).

These real-world measures of cancer care efficiency

- ✓ are routinely collected
- ✓ are or can translate across cancers
- ✓ address All.Can's mission
- ✓ coincide with patients' interests

- Time to diagnosis
- Percentage of cancers diagnosed through emergency presentation
- Primary care interval*
- Time from tissue diagnosis to treatment
- Percentage of patients documented as having seen a Clinical Nurse Specialist (CNS)
- Percentage of patients who received chemotherapy in the last 14 days of life
- Patient experience
- Patient involvement in decision-making

* Primary care interval: number of days from date of first presentation in primary care with symptoms relevant to the final cancer diagnosis to date of first referral from primary care¹

#BuildingEfficiencyInCancerCare

@All.CanGroup

f @All.CanGroup

in All-Can

► All Can International



The All.Can Efficiency Hub: 40+ case studies

- Best practice in cancer care from around the world to **create a learning community** around efficient practices and help organisations find and implement potential solutions to common issues
- The Efficiency Hub showcases examples – big or small – that have **a positive impact** on the efficiency of cancer care
- It gathers examples from across the **entire cancer pathway**, from prevention and screening to treatment and follow-up care, end-of-life care and survivorship – and for all cancer types
- A precise **methodology** is applied in the selection of new case studies
- **Available to everyone** via the All.Can website: <https://www.all-can.org/efficiency-hub/>

#BuildingEfficiencyInCancerCare



@All.CanGroup



@All.CanGroup



All-Can



All.Can International



Efficiency Hub – some examples

Oncology orientation cancer centres: coordinating cancer care for people in Apulia, Italy

My Cancer Navigator: providing personalised and accessible information to people with cancer, Belgium

Radiotherapy masks: supporting children during treatment for brain, head or neck cancer in England

The Oncopadi digital clinic: improving access to cancer care and information in Nigeria

At-home chemotherapy: offering treatment outside hospital in Argentina

DNA-Med: improving access to cutting-edge cancer precision medicine in Germany and supporting clinical decision-making based on real-world data

The ICOnecta't tool: eHealth cancer care support for women with breast cancer that includes online educational materials, interactive forums and group therapy in Spain

My Journey: Breast Cancer Network Australia's online tool to support people with breast cancer

Efficiency Hub – some data-related examples

Cancer registry, Sweden

One of the first countries to implement a government-funded national cancer register – a centralised database that collects healthcare information about all people diagnosed with cancer.

MacMillan Cancer Decision Support tool, UK

It calculates a person's risk of having an undiagnosed cancer based on symptoms, medical history and demographic data, and helps GPs consider whether further testing or specialist referral is needed.

Moovcare

Lung cancer follow-up using remote PROMs monitoring through a web-based application

Two CTs in France, US and other European countries

Martini Klinik, Hamburg Germany

The Martini-Klinik, a specialist prostate cancer clinic in Germany, systematically measures the quality of its care using outcomes that are most relevant to patients.

#BuildingEfficiencyInCancerCare



@All.CanGroup @All.CanGroup



All-Can



All-Can International



Learning from the Hub



In 2022, to mark three years of the Hub, All.Can International commissioned a think piece examining the lessons that can be learnt from the collection of examples featured on the Hub.

This exercise led to the identification of the following lessons about **how inefficiencies in cancer care can be effectively addressed in practice**:

1. Reduce diagnostic delays

- Delays in diagnosis have a significant negative impact on outcomes
- Initiatives that reduce delays can prevent unnecessary referrals to and from primary care and improve the diagnosis experience for patients.

2. Move care closer to home

- Travelling long distances to treatment facilities can be a significant burden for people with cancer, as well as placing considerable strain on healthcare resources.
- Providing local, community-based care follow up monitoring and care is important as it limits continuing disruption to people's lives from travelling to appointments.

#BuildingEfficiencyInCancerCare



@All.CanGroup @All.CanGroup



All-Can



All.Can International



Learning from the Hub



3. Support people beyond active treatment

- Cancer can affect every element of a person's life and its impact can continue well beyond the end of active treatment, causing physical, psychological and emotional health problems.
- Initiatives providing support for survivors can improve long-term patient experience and reduce the pressure on health services into the future.

4. Tailor care to the specific needs of children

- Having cancer and receiving treatment can be overwhelming for children, especially if care is not well adapted to their needs. Distress can also lead to disrupted treatment and unnecessary use of resources such as general anaesthetic.
- Adapting care settings to make children feel more comfortable and reduce disruption to their lives can improve efficiency.

5. Help people navigate care pathways

- Cancer care pathways can be complex and confusing. Many people with cancer feel that they do not receive enough reliable, accessible information about their care.
- Having access to guidance and reliable information can help people to make informed decisions about their care, alongside healthcare professionals.

#BuildingEfficiencyInCancerCare



@All.CanGroup



All-Can



All-Can International



Learning from the Hub



6. Develop solutions to maximise local resources

- Initiatives that work really well in one context may prove inappropriate elsewhere due to differences in the structure of health systems, the availability of resources, or even the geography of the setting in which they are being applied.
- Local knowledge should be used as a foundation for innovations that will work in particular contexts.

7. Use data and online platforms for precision medicine

- Despite significant advances in cancer treatments, how each person's cancer is treated is still often 'trial and error', with patients often having to try multiple approaches in succession.
- Data solutions can be used to expand access to precision medicine for people with cancer and further build knowledge for the future.

#BuildingEfficiencyInCancerCare



@All.CanGroup @All.CanGroup



All-Can



All-Can International



E in Italia? Il ruolo delle Reti Oncologiche Regionali

1. Strumenti disponibili per affrontare sfide e opportunità:

1. PNRR (vedi ad es. Missione 6), Piano Europeo, Piano oncologico nazionale, Spazio Europeo Dati Sanitari e Fascicolo Sanitario Elettronico, Registro nazionale Tumore, Rete Nazionale Tumori Rari, riforma standard ospedalieri e territoriali prevista dal PNRR, revisione delle linee-guida organizzative e delle Raccomandazioni per la rete oncologica che integra le attività per acuti e post-acuti con l'attività territoriale

2. IV Rapporto AGENAS:

1. In 17 Regioni è stato formalizzato un organismo di governo della rete oncologica e in quasi tutte è stato attivato un Registro Tumorale Regionale
2. In meno di metà delle Regioni sono stati formalizzati i rapporti interregionali e interistituzionali ai fini dell'integrazione dei PDTA
3. 3 Regioni: Esistenza di procedure per l'invio di pazienti eleggibili nei centri dove sono attivi studi clinici di fase I/II

3. Indagine LS Cube, 2022

1. Barriere all'implementazione di natura politica, finanziaria, regolatoria e programmatica
2. Elementi "essenziali" identificati: governance, budget dedicato, gestione del flusso di know-how, 'cultura' tra professionisti sanitari, ecc.
3. Potenziale soluzione normativa sarebbe istituzione di un Fondo per le Reti Oncologiche Regionali: fondi vincolati allo scopo, con monitoraggio e distribuzione premiale delle risorse; autonomia regionale nella proposizione di piani di sviluppo ROR

4. 13° Rapporto sulla condizione assistenziale per i malati oncologici per All.Can Italia, 2021

#BuildingEfficiencyInCancerCare



@All.CanGroup @All.CanGroup



All-Can



All.Can International



Conclusione: Allineare le pratiche causa di ineguaglianze e inefficienze

1. Riconoscere il ruolo attivo del paziente e del caregiver all'interno dell'Ecosistema Salute
2. Utilizzare le risorse economiche in modo efficace ed efficiente per generare valore per il paziente muovendosi verso una logica di remunerazione del percorso oncologico e non della singola prestazione
3. Accelerare la trasformazione digitale e l'uso appropriato di dati sanitari
4. Assicurare che l'Italia rappresenti un'eccellenza nella rete UE dei centri oncologici

#BuildingEfficiencyInCancerCare



@All.CanGroup @All.CanGroup



All-Can



All-Can International





Grazie!

#BuildingEfficiencyInCancerCare



@All.CanGroup



@All.CanGroup



All-Can



All Can International

