Driving local innovation for global impact
Over the last year, the cancer community has responded to unprecedented challenges, delivering cancer treatment and helping patients to navigate their care in the context of a global pandemic.

City Cancer Challenge (C/Can) is proud to have played its part to ensure a focus on improving cancer treatment and care was not lost as cities faced more immediate demands. In this rapidly changing environment, C/Can continued to work hand-in-hand with cities as they led on the planning and execution of local solutions. This shared experience has allowed it to build a connected community of health professionals, technical experts and partners sharing data and local insights, supporting each other to adapt to new ways of working as a result of the pandemic. C/Can quickly adapted its approach by increasing the use of technology to achieve its goals, notably using interactive online learning to connect cities and support knowledge exchange. Together, the C/Can community is bringing about enduring change for patients and health professionals alike.
Over the last year, the cancer community has responded to unprecedented challenges, delivering cancer treatment and helping patients to navigate their care in the context of a global pandemic.

As 2021 begins, there are many reasons to be optimistic. C/Can cities will continue to draw on their shared experience and knowledge to meet the needs of patients. Their efforts are underpinned by the solid foundations that community building provide: convening a wide range of stakeholders across disciplines, sectors and levels of government with a common purpose to improve access to care. While the hardships experienced by so many in 2020 cannot be forgotten, C/Can has shown that when its resilience is tested, the solution is a strong and united community.
As the epicentres of pandemic control measures, cities adapted quickly to changing environments by focusing on innovative, forward thinking strategies.

A personal highlight in 2020 was witnessing mayors from 41 cities articulate a shared vision for a healthier, sustainable future at the first United Nations Forum of Mayors.

In his keynote speech, the world-renowned architect Lord Norman Foster stated that cities are forever evolving, learning from each other, and changed by the technologies of their times.

This has been the reality for C/Can cities in 2020, which have proven their effectiveness as vehicles of implementation. From creating patient-centred resources to participating in virtual interdisciplinary training, cities have forged connections, embraced multi-sector collaboration and adopted technologies to move local cancer solutions forward. These efforts have seen advances in enhancing the capacity of health professionals,
As the epicentres of pandemic control measures, cities adapted quickly to changing environments by focusing on innovative, forward thinking strategies. C/Can cities rose to the challenge in 2020.

In his keynote speech, the world-renowned architect Lord Norman Foster stated that cities are forever evolving, learning from each other, and changed by the technologies of their times. This has been the reality for C/Can cities in 2020, which have proven their effectiveness as vehicles of implementation. From creating patient-centred resources to participating in virtual interdisciplinary training, cities have forged connections, embraced multi-sector collaboration and adopted technologies to move local cancer solutions forward. These efforts have seen advances in enhancing the capacity of health professionals, strengthened cancer guidelines, improvements in infrastructure and allocation of financing to meet the needs of patients across the continuum of cancer care.

The City of Tomorrow has opened up C/Can to a new group of cities across the world. As we prepare to welcome them in 2021, we are confident that by working together, we can fuel their innovation and help advance their goals to build back better for cancer patients and the wider community.

Dr Susan Henshall
CEO, City Cancer Challenge
C/Can was launched by the Union for International Cancer Control (UICC) at the 2017 World Economic Forum Annual Meeting in Davos. It was established as a standalone Swiss foundation in January 2019.
From city needs to concrete action
IMPACT OF COVID-19 ON CANCER CARE

Throughout 2020, the impact of the COVID-19 pandemic on cancer care was significant, with

42% of countries’ cancer services partially or completely disrupted\(^1\)

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To support cities around the world as they work to improve access to equitable, quality cancer care.
WHERE C/CAN WORKS

LEON MEXICO

ASUNCION PARAGUAY

CALI COLOMBIA

PORTO ALEGRE BRAZIL

KUMASI GHANA

TBLISI GEORGIA

YANGON MYANMAR

KIGALI RWANDA

GREATER PETALING MALAYSIA
People reached across nine cities

Institutions represented in C/Can’s network of city stakeholders

Health professionals supported with technical assistance

Expert missions to support C/Can cities

Global partners

C/Can’s Reach

02

54.2 M

1,286

64

149

343

73
C/CAN’S PRIORITIES

1. Improving the quality of cancer care infrastructure
2. Enhancing the capacity of health professionals
3. Developing sustainable financing mechanisms
4. Connecting and activating stakeholders
5. Informing data-driven solutions
Improving the quality of cancer care services

C/Can and its network of more than 70 partners supports cities as they work to strengthen the quality of cancer care services.

By the end of 2020, seven C/Can cities had identified priority projects to develop and harmonise the quality of core cancer diagnostic and treatment services in pathology, radiology, nuclear medicine, surgery, radiotherapy, medical oncology, supportive and palliative care.

C/Can is enabling a real-world implementation strategy of combining early diagnosis with timely and effective treatment through development and implementation of local guidelines with the potential to organise health systems and improve health outcomes.
Harmonising quality standards within cities

Improving quality control in pathology

Planning adequate and quality radiotherapy services
C/Can has provided capacity-building support to cities to help define quality standards and ensure harmonisation throughout its global network. This has included creating quality control manuals in pathology, developing guidelines for designing quality assurance programmes for radiotherapy, promoting the implementation of quality standards in nuclear medicine, and reaching consensus on how breast and cervical cancer patients should be treated to ensure they receive the best quality care within the particular context of the city. All of these efforts have required inter-institutional, multidisciplinary and multi-sectoral collaboration and have enabled communication between key cancer care providers, helping to harmonise practice and enhance the quality of care.
Following the experiences in key cities, Porto Alegre has developed a guidance and best practices manual on quality control for all pathology laboratories in the city. This was possible due to both extensive collaboration between the city experts, alongside consultation with experts from the American Society of Clinical Pathology (ASCP) and the Brazilian Society of Pathology. Most importantly, the implementation of this guidance in all the pathology laboratories in Porto Alegre will be ensured through a partnership with the local Secretary of Health.
With the support of C/Can partners, including the private sector, C/Can cities have continued to advance with their city-wide strategies to ensure access to quality radiotherapy services based on the current and future clinical demand. These strategies are vital for mobilising resources and building sustainable investment to increase access to this treatment modality.
Enhancing the capacity of health professionals

Through a comprehensive technical assistance strategy and network of like-minded partners, C/Can continues to develop critical skills among leading cancer care professionals in its cities to bolster the local health workforce and ultimately, improve the outcomes of cancer patients.

This includes strengthening the communication skills of healthcare professionals across the different specialties involved in multidisciplinary cancer, a Multidisciplinary Cancer Management Course (MCMC) developed in collaboration with the American Society of Clinical Oncology (ASCO). In 2020, 39 experts delivered technical assistance across the cities, with more than 300 cancer care professionals engaged to work on local solutions in various areas ranging from pathology, medical oncology, surgery, radiation oncology, oncology nursing and palliative care.

C/Can also supported the development of mechanisms to ensure patient-centred and standardised care through the introduction of a multidisciplinary approach, along with the adaptation of treatment guidelines according to the level of resources in each city.

Knowledge exchange experiences like those facilitated by C/Can are great opportunities to learn about different models and strategies from other colleagues that we can then adapt to our own context and strengthen the role of nurse navigators in cancer care.

Ms Hilda Gomez
Oncology Nurse, Hospital Universitario del Valle, Cali, Colombia.
Enhancing the capacity of health professionals

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Ms Hilda Gomez
Oncology Nurse, Hospital Universitario del Valle, Cali, Colombia.
Creating a community of like-minded experts

Providing external expert support to local teams during the Covid-19 pandemic
C/Can partnered with Project ECHO to launch its first web-based knowledge exchange programme in which a group of cancer care professionals from the nine C/Can cities shared their experiences in common cancer care policy challenges and priorities ranging from harmonisation of pathology quality management systems, planning quality radiotherapy services, developing and implementing resource-stratified clinical guidelines and organising multidisciplinary care practices and quality control systems. The programme consisted of 16 sessions with external experts from C/Can partner organisations and brought together 221 local practitioners who are leading the different initiatives in their own cities. The objective of the programme was to ensure the lead experts on the ground have direct access to the experiences other peers face in devising local solutions to common challenges.
Providing external expert support to local teams during the Covid-19 pandemic

The mobilisation of external expertise to support the various ongoing projects at city level did not stop, despite the inability to connect people face-to-face. C/Can convened virtual consultations between local expert groups in cities and external expert panels and representatives from C/Can partners as they worked together to develop their city solutions.

Kumasi was a highlight in 2020, where the first virtual international consultation coordinated by C/Can and the ASCO with the breast and cervical cancer groups took place. This involved a series of virtual consultations with an external expert panel composed by all relevant specialists nominated by the American Society of Clinical Pathology (ASCP), ASCO, the International Atomic Energy Agency (IAEA), the Alliance for Physician Certification and Advancement (APCA) and the International Society of Nurses in Cancer Care (ISNCC). Continuous online collaboration made it possible to complete the adaptation of the clinical guidelines for the management of these cancers in Kumasi, and this process of collaboration at a distance with partner organisations proved to be scalable beyond the pandemic.
Developing sustainable financing mechanisms

There is a significant gap between the scale of financing required to develop, manage, and maintain cancer services that meet population needs, and the resources available for public investment in low- and middle-income countries.

Bridging this gap requires mobilising all financing sources - private, public, national and international. This includes leveraging private investment through partnerships.

Throughout 2020, C/Can supported local leaders as they expanded the fiscal space for cancer by building capacity and knowledge about blended finance and innovative finance concepts and their relationship to cancer programme financing.

“Government alone cannot meet the rising healthcare needs and demands of populations. Public-private partnership (PPPs) can mobilise private finance, improve access, introduce efficiencies into the public health services, and improve health outcomes.”

Dr Dhawal Jhamb
Senior Investment Officer, International Finance Corporation (IFC)
Developing sustainable financing mechanisms

There is a significant gap between the scale of financing required to develop, manage, and maintain cancer services that meet population needs, and the resources available for public investment in low- and middle-income countries.

C/Can continues to work with partners to provide tools, training and resources so that cities can benefit from an understanding of their country's health financing landscape and develop quality data-driven demand and supply assessments to support project conceptualisation.

Government alone cannot meet the rising healthcare needs and demands of populations. Public-private partnership (PPPs) can mobilise private finance, improve access, introduce efficiencies into the public health services, and improve health outcomes.

Dr Dhawal Jhamb
Senior Investment Officer, International Finance Corporation (IFC)
Connecting and activating stakeholders

When C/Can’s resilience is tested, the solution is a strong and united community.

This was certainly the case in 2020, as the Covid-19 pandemic pushed health systems beyond their limits. The upside was the incredible response of C/Can partners and the community of experts, who shared strategies and lessons learned from their early experiences treating people with cancer during the COVID-19 outbreak.

Dr C S Pramesh
MS, FRCS
Director, Tata Memorial Hospital.

We all have a responsibility to make sure no-one is left alone in this crisis, and we are proud to play our part supporting C/Can’s efforts to unite people and cities for quality cancer care.
C/CAN’S PRIORITIES

Connecting healthcare care professionals for cancer care readiness during the Covid-19 crisis

A positive and rigorous approach to multi sectoral action for cancer care

Digital Health Discovery Forum
On April 6, 2020 C/Can launched a series of webinars to share the experiences of experts in cities that had reacted to the COVID-19 crisis (such as in Spain) and ensure that C/Can cities had access to the information they needed to continue providing access to quality cancer care. Health professionals in C/Can’s network from Australia, Brazil, Georgia, Ghana, India, Kenya, Rwanda, Spain and the United States took the time to share practical information and lessons learned on cancer treatment during the crisis. Overall, more than 1,300 individuals from 66 countries participated in the events and the associated social media reached 5.8 million people.
For C/Can’s multi-sectoral model to be successful, it is critically important that robust processes re-inplace to ensure that all C/Can stakeholders maintain a strong “alignment of interest” around a shared vision. That is why in 2020 C/Can rolled out a Constructive Engagement Framework (CEF) to align its key stakeholders and external audiences with a new type of forward-looking, inclusive partnership approach.
In June 2020, with support from a core group of partners, C/Can launched the Digital Health Discovery Forum to identify opportunities to adapt and scale up effective digital health solutions for cancer care in response to emerging city needs. Through a series of deep dive interviews and high-level regional dialogues bringing together 80+ experts from 33 countries, the forum highlighted key barriers and enabling conditions regarding the uptake of digital health innovations for cancer care. As next steps, a network of stakeholders is being engaged to work with C/Can to prioritise the most impactful solutions based on identified needs. This will require further collaborative efforts to map existing gaps and responses and to determine how best to accelerate implementation at scale across multiple cities. The areas of standardised reporting and interoperability, where promising initiatives are already underway in C/Can cities, were prioritised.
Informing data-driven solutions

Effective and coordinated efforts to strengthen health systems require investment in data availability, quality and use.

However, according to the International Agency for Research in Cancer (IARC) only one in five low- and middle-income countries (LMICs) has the necessary data to drive cancer policy.

Throughout 2020, C/Can continued implementing a new two-year strategy to strengthen its data capacity in core areas including data quality, governance, management, and analysis.

This strategy is laying the foundations for a more ambitious and longer-term vision of C/Can data as an open and usable source to inform evidence-based decision-making for cancer care in LMICs.
A focus on data quality

Building a fit-for-purpose data platform
Good quality data is essential to support effective decision making throughout the C/Can process to prioritise, plan, implement and monitor local cancer care solutions. In April 2020 C/Can commissioned a high-level audit of data quality, focusing on the completeness, accuracy, and integrity of data collected through the C/Can city needs assessment. Using samples from three cities, the exercise highlighted key gaps and provided recommendations to strengthen the processes, policies, and systems in place to continuously monitor, assess and improve data quality.
A data-driven needs assessment to determine the key gaps and bottlenecks in delivery of quality cancer care services in a city is a foundational step in the C/Can model. In 2020, building on experience running data collection processes in seven cities, C/Can partnered with Dure Technologies to develop a new data collection portal to better support the collection of high quality, systems-level data in a way that is inclusive, transparent, secure, and compliant with relevant global and local data regulation. Set to be rolled out in the cities of Leon and Greater Petaling in early 2021, the portal allows for more effective management of user rights, tracking of responses, data validation, and user-support.
EVIDENCE FOR ACTION
Getting to Know the C/Can model
**MEMORANDUM OF UNDERSTANDING SIGNATORIES**

- Gobernación del Valle del Cauca
- Alcaldía de Santiago de Cali
- Secretaría Departamental de Salud - Valle del Cauca
- Secretaría de Salud Pública Municipal - Cali

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**LOCAL SUSTAINABILITY PARTNER**

- ProPacífico

---

**CALI COLOMBIA**

**City population**
- 2.28 M

**Population reached**
- 4.5 M

**Cancer incidence rate (per 100,000)**
- 182.3

**Cancer mortality rate (per 100,000)**
- 84.7

**Five most common cancer types (men and women)**
- Breast, prostate, colorectum, stomach, lung

Source: Globocan 2020
The five guidelines that have been developed in Cali with the multidisciplinary work of health professionals are timely and very useful. When they are finalised, we should think about regulating them through the departmental cancer committee so that they can be implemented in a generalised manner and have the greatest impact on improving the quality of care for cancer patients.

### C/CAN CITY EXECUTIVE COMMITTEE MEMBERS

| 1 | Ministerio de Salud y Protección Social |
| 2 | Gobernación del Valle del Cauca |
| 3 | Alcaldía de Santiago de Cali |
| 4 | Secretaría Departamental de Salud - Valle del Cauca |
| 5 | Secretaría de Salud Pública Municipal - Cali |
| 6 | Fundación Valle del Lili |
| 7 | Centro Medico Imbanaco |
| 8 | Hospital Universitario del Valle |
| 9 | Hemato Oncólogos S.A. |
| 10 | Clínica de Occidente |
| 11 | Universidad del Valle -Registro Poblacional de Cáncer - Cali |
| 12 | Instituto Nacional de Cancerología |

### TOTAL NUMBER OF LOCAL INSTITUTIONS INVOLVED IN THE C/CAN PROCESS

1. Ministerio de Salud y Protección Social
2. Gobernación del Valle del Cauca
3. Alcaldía de Santiago de Cali
4. Secretaría Departamental de Salud - Valle del Cauca
5. Secretaría de Salud Pública Municipal - Cali
6. Fundación Valle del Lili
7. Centro Medico Imbanaco
8. Hospital Universitario del Valle
9. Hemato Oncólogos S.A.
10. Universidad del Valle -Registro Poblacional de Cáncer - Cali
11. Instituto Nacional de Cancerología
12. ACEMI (Asociación EPS R. Contributivo)
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Dr María Cristina Lesmes
Secretary of Health, Valle del Cauca
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Dr María Cristina Lesmes
Secretary of Health, Valle del Cauca
CITY PROJECTS OVERVIEW

Percentage of agreed milestones completed as of 31 Dec 2020

PROJECT

**Multidisciplinary treatment of breast and cervical cancers**

- 90%

  - Multidisciplinary working groups for breast and cervical cancer
  - Guidelines for management of breast cancer
  - Guidelines for management of cervical cancer

PROJECT

**Multidisciplinary treatment of prostate, colorectal and paediatric leukaemia cancers**

- 30%

  - Guidelines for management of prostate cancer
  - Guidelines for management of colorectal cancer
  - Guidelines for management of paediatric leukaemia

PROJECT

**Radiotherapy**

- 100%

  - Strategic plan for the development of radiotherapy services
  - Radiotherapy quality assurance program

PROJECT

**Pathology**

- 100%

  - Training in quality management and immunohistochemistry
  - Justification for selected molecular pathology tests
  - Pathology quality control manual
## CITY PROJECTS OVERVIEW

<table>
<thead>
<tr>
<th>Project</th>
<th>Percentage</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palliative care</td>
<td>70%</td>
<td>+</td>
</tr>
<tr>
<td>Blood banks</td>
<td>100%</td>
<td>+</td>
</tr>
<tr>
<td>Imaging/ Nuclear medicine</td>
<td>60%</td>
<td>+</td>
</tr>
<tr>
<td>Human resources</td>
<td>80%</td>
<td>+</td>
</tr>
</tbody>
</table>

### Palliative care
- Palliative care training course developed and implemented

### Blood banks
- Blood Bank working group
- Blood donation campaigns designed and implemented

### Imaging/ Nuclear medicine
- Quality Audit in Nuclear Medicine Checklist (QUANUM)
- Nuclear Medicine quality assurance program

### Human resources
- Human resources development plan
- Training/knowledge exchanges:
  - cancer registries
  - sustainable financing
  - multidisciplinary teams
  - cancer management
- Online training modules:
  - oncology nursing
  - cancer care for primary care teams
  - management of oncology centres
KEY ACHIEVEMENTS TOWARD SUSTAINABLE IMPACT

- **Pathology Quality Control Manual**
  Developed in collaboration with ASCP and disseminated in the largest cancer care institutions. Draft guidelines for the management of colorectal, prostate and paediatric cancers finalised and reviewed by the National Cancer Institute.

- **Nuclear Medicine Quality Manual and Radiotherapy Quality program developed**
  As well as standardised quality tools that can be used for self-assessment by nuclear medicine and radiotherapy services.

- **Local sustainability partner, ProPacifico**
  Held a series of events showcasing city projects and positioning the organisation as a convener of public-private stakeholders to leverage solutions for cancer care across the region.
ASUNCION
PARAGUAY

2.13 M
City population

7.05 M
Population reached

191.0
Cancer incidence rate (per 100,000)

95.5
Cancer mortality rate (per 100,000)

breast, prostate, colorectum, cervix-uteri, lung
Five most common cancer types (men and women)

Source: Globocan 2020

MEMORANDUM OF UNDERSTANDING
SIGNATORIES

Municipalidad de Asunción
Ministerio de Salud Pública y Bienestar Social

LOCAL SUSTAINABILITY TRANSITION PARTNER

ReNACI
The alliance with C/Can has shown us that together we can transform our reality and be true agents of change, reaching the goal of improving cancer care in our city in a progressive and sustainable way.

**C/CAN CITY EXECUTIVE COMMITTEE MEMBERS**

- Municipalidad de Asunción
- Grupo San Roque
- Instituto de Previsión Social, ex presidente Sociedad de Oncología
- Universidad Nacional de Asunción, Facultad de Medicina
- Universidad Nacional de Asunción. Hospital de Clínicas
- Autoridad Regulatoria Radiológica y Nuclear
- Instituto Codas Thompson
- Ministerio de Salud Pública y Bienestar Social
- Instituto Nacional del Cáncer, MSPBS
- Programa Nacional de Control del Cáncer, MSPBS

**TOTAL NUMBER OF LOCAL INSTITUTIONS INVOLVED IN THE C/CAN PROCESS**

1. Ministerio de Salud Pública y Bienestar Social
2. Instituto Nacional del Cáncer, MSPBS
3. Programa Nacional de Control del Cáncer, MSPBS
4. Dirección de Registro y Vigilancia de Tumores
5. Laboratorio Central de Anatomía Patológica
6. Municipalidad de Asunción
7. Universidad Nacional de Asunción
8. Facultad de Medicina
9. Hospital de Clínicas
10. Instituto de Investigaciones en Ciencias de la Salud
11. Instituto de Previsión Social, ex presidente Sociedad de Oncología

**Dr Alicia Pomata**
Director of the National Cancer Control Program in Paraguay
The alliance with C/Can has shown us that together we can transform our reality and be true agents of change, reaching the goal of improving cancer care in our city in a progressive and sustainable way.

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## CITY PROJECTS OVERVIEW

Percentage of agreed milestones completed as of 31 Dec 2020

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<th>PROJECT</th>
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<th>Milestones</th>
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<tbody>
<tr>
<td>Radiotherapy</td>
<td>100%</td>
<td>Radiotherapy development plan, Radiotherapy quality assurance program</td>
</tr>
<tr>
<td>Imaging / Nuclear Medicine</td>
<td>40%</td>
<td>Nuclear medicine development plan</td>
</tr>
<tr>
<td>Multidisciplinary treatment of breast and cervical cancers</td>
<td>90%</td>
<td>Regulation for implementation of multidisciplinary teams for breast and cervical cancers, Guidelines for management of breast cancer, Guidelines for management of cervical cancer, Updated cervical and breast cancer treatment protocols</td>
</tr>
<tr>
<td>Multidisciplinary treatment of colorectal cancers and paediatric leukaemia</td>
<td>10%</td>
<td>Guidelines for management of colorectal cancer, Guidelines for management of paediatric leukaemia</td>
</tr>
</tbody>
</table>
### Pathology

**90%**

- Regulatory standard for pathology and cytopathology laboratories
- Draft regulation for implementation for the Regulatory Standard
- Pathology Quality Control Program, including standard operating procedures

### Palliative care

**70%**

- National palliative care plan
- Palliative care protocol in care for the primary level of care
- Palliative care training course

### Human resources

**30%**

- Human resources development plan
- Implementation of human resources development plan

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ASUNCION | PARAGUAY
KEY ACHIEVEMENTS TOWARD SUSTAINABLE IMPACT

Cancer pathology reporting

First phase of a digital health project to standardise cancer pathology reporting implemented in collaboration with IBM, the Ministry of Public Health and Social Welfare of Paraguay, the National Cancer Institute, C/Can, ASCP and International Collaboration on Cancer Reporting (ICCR).

Core documents

Core documents finalised and submitted to the Ministry of Public Health and Social Welfare:

› Guidelines for the Management of Breast Cancer.
› Standards for operating procedures and quality control in Pathology and Cytopathology Laboratories.
› Strategic Plan for the Development of Radiotherapy in Greater Asuncion.
› Quality Assurance Program in Radiotherapy Asuncion C/Can.

Commitment from local stakeholders, including the Director of the National Cancer Institute, the Director of the National Cancer Control Program at the National University of Asuncion, as well as public and private healthcare providers, to create and lead a new multisectoral organisation to drive the sustainable scale up of cancer care initiatives in the city and country.
YANGON
MYANMAR

6 M
City population

25.4 M
Population reached

136.8
Cancer incidence rate (per 100,000)

99.0
Cancer mortality rate (per 100,000)

Lung, stomach, cervix uteri, breast, liver
Five most common cancer types (men and women)

Source: Globocan 2020
C/CAN CITY EXECUTIVE COMMITTEE MEMBERS

TOTAL NUMBER OF LOCAL INSTITUTIONS INVOLVED IN THE C/CAN PROCESS

1. Yangon General Hospital
2. New Yangon General Hospital
3. Yangon Children Hospital
4. Central Women’s Hospital
5. Yangon Speciality Hospital
6. North Oakkalapa General Hospital
7. Yankin Children Hospital
8. Thingangyun Sanpya General Hospital
9. No.2 (500 Bedded) Military Hospital
10. Pinlon Hospital
11. PunHlaing Siloam Hospital
12. Bahosi Hospital
13. Victoria Hospital

Department of Public Health, Ministry of Health and Sports
Department of Medical Services, Ministry of Health and Sports
Yangon Region Government
Myanmar Medical Association
Yangon General Hospital, Hospital Administration
Yangon Regional Health Department, Ministry of Health and Sports
Department of Non Communicable Diseases (NCDs), Ministry of Health and Sports (MOHS)
Shwe Yaung Hnin Si Cancer Foundation
Yangon General Hospital, Department of Medical Oncology

The multisectoral initiative and partnership model of C/Can Yangon has enabled international organisations to bring their expertise and network of faculties to support C/Can Yangon, which has made significant improvements in cancer care management in Myanmar.
**C/CAN CITY EXECUTIVE COMMITTEE MEMBERS**

- Yangon General Hospital, Department of Radiation Oncology
- Central Women's Hospital, Hospital Administration
- Yangon Children’s Hospital, Dept. of Haemato-Oncology
- U Hla Tun Cancer Foundation
- Myanmar Private Hospital Association

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<td>Victoria Hospital</td>
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**Professor Rai Mra**  
C/Can City Executive Committee, Chair Yangon

“The multisectoral initiative and partnership model of C/Can Yangon has enabled international organisations to bring their expertise and network of faculties to support C/Can Yangon, which has made significant improvements in cancer care management in Myanmar.”
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**C/CAN CITY EXECUTIVE COMMITTEE MEMBERS**

- Yangon General Hospital, Department of Radiation Oncology
- Central Women’s Hospital, Hospital Administration
- Yangon Children’s Hospital, Dept. of Haemato-Oncology
- U Hla Tun Cancer Foundation
- Myanmar Private Hospital Association

**TOTAL NUMBER OF LOCAL INSTITUTIONS INVOLVED IN THE C/CAN PROCESS**

<table>
<thead>
<tr>
<th>No.</th>
<th>Institution Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>Shwegonedine Specialists Center (SSC) Hospital</td>
</tr>
<tr>
<td>15</td>
<td>Oakkalapa Specialists Center (OSC) Hospital</td>
</tr>
<tr>
<td>16</td>
<td>Grand Hanthar Hospital</td>
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<tr>
<td>17</td>
<td>Pyi Taw Thar Hospital</td>
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<tr>
<td>18</td>
<td>Thurein Mon Clinic</td>
</tr>
<tr>
<td>19</td>
<td>Shwe Yaung Hnin Si Cancer Foundation</td>
</tr>
<tr>
<td>20</td>
<td>U Hla Tun Cancer Foundation (Hospice)</td>
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<tr>
<td>21</td>
<td>Myanmar Medical Association (MMA)</td>
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<tr>
<td>22</td>
<td>Myanmar Society of Radiotherapy and Oncology (MSTRO)</td>
</tr>
<tr>
<td>23</td>
<td>Myanmar Private Hospitals’ Association (MPHA)</td>
</tr>
</tbody>
</table>

**Professor Rai Mra**

C/Can City Executive Committee, Chair Yangon

"The multisectoral initiative and partnership model of C/Can Yangon has enabled international organisations to bring their expertise and network of faculties to support C/Can Yangon, which has made significant improvements in cancer care management in Myanmar."
The multisectoral initiative and partnership model of C/Can Yangon has enabled international organisations to bring their expertise and network of faculties to support C/Can Yangon, which has made significant improvements in cancer care management in Myanmar.
CITY PROJECTS OVERVIEW

Percentage of agreed milestones completed as of 31 Dec 2020

**Radiotherapy**

- Radiotherapy development plan
- Radiotherapy quality assurance program

**100%**

**Multidisciplinary treatment of breast and cervical cancers**

- Guidelines for management of breast cancer and regulation on multidisciplinary teams

**Pathology**

- Pathology quality control program, including standard operating procedures
- Standardised pathology reports
- Laboratory development plan

**100%**

**Palliative care**

- Palliative care development plan
- Pain management guidelines

**70%**
**Medical oncology**

60%

- Standardised minimum operating requirements for medical oncology
- Essential oncology medicines list

**Surgery**

40%

- Surgical oncology development plan
- Establish sub-specialised surgical oncology teams

**Ethical committees**

60%

- Guidelines on clinical ethical committee

**Sustainable financing**

100%

- Health financing landscape assessment
- Investment feasibility study
Paediatric oncology

CITY PROJECTS OVERVIEW

KEY ACHIEVEMENTS TOWARD SUSTAINABLE IMPACT

Six new resource-appropriate guidelines and multidisciplinary team methodologies were developed and approved. They are to be implemented in public and private hospitals nationwide.

City Executive Committee members (CEC) completed the necessary legal and administrative requirements to create a new organisation that will spearhead local sustainability efforts.

Referral mechanisms developed and implemented

Training on early warning signs, basic diagnosis and management of childhood cancers

Public awareness of early warning signs and symptoms of childhood cancers

Isolation room established

Hand hygiene practices reinforced

Hand hygiene practices monitored and evaluated

Resource-appropriate guidelines and MDT

New organisation
**KUMASI, GHANA**

City population: **3.40 M**
Population reached: **5.92 M**
Cancer incidence rate (per 100,000): **115.9**
Cancer mortality rate (per 100,000): **80.6**

Five most common cancer types (men and women):
- Breast
- Liver
- Cervix uteri
- Prostate
- Non-Hodgkin’s lymphoma

**MEMORANDUM OF UNDERSTANDING SIGNATORIES**

- Ministry of Health
- Ashanti Regional Coordinating Council
- Kumasi Metropolitan Assembly

**LOCAL SUSTAINABILITY PARTNERS**

Source: Globocan 2020
**C/CAN CITY EXECUTIVE COMMITTEE MEMBERS**

- Ministry of Health
- Ashanti Regional Coordinating Council
- Kumasi Metropolitan Assembly
- Ashanti Traditional Council
- Komfo Anokye Teaching Hospital
- Ghana Health Service
- Kwame Nkrumah University of Science and Technology
- National Health Insurance Authority (NHIA)
- Peace & Love Hospital Breast Care International

**TOTAL NUMBER OF LOCAL INSTITUTIONS INVOLVED IN THE C/CAN PROCESS**

1. Action Care Ghana
2. Adehyee TV
3. Adiebeba Hospital
4. Aids for Vernarle Foundation
5. Aniniwah Medical Center
6. Asafo Boakye Hospital
7. Ashanti Regional Coordinating Council
8. Ashanti Traditional Council
9. Ashh-FM, Bomso Clinic
10. Breast Care International
11. Cancer Health Foundation
12. Center for Diabetic and Infant Mortality Prevention
13. County Hospital
14. Ghana Health Service

---

**Hon. Osei Assibey Antwi**
Mayor of Kumasi, Ghana

Partnering with C/Can has been effective. With the qualitative outputs from the initiative, we are now in a better position to attract partnership in the implementation of sustainable cancer care solutions in the Kumasi.
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Hon. Osei Assibey Antwi
Mayor of Kumasi, Ghana
C/CAN City Executive Committee Members

Ministry of Health
Ashanti Regional Coordinating Council
Kumasi Metropolitan Assembly
Ashanti Traditional Council
Komfo Anokye Teaching Hospital
Ghana Health Service
Kwame Nkrumah University of Science and Technology National Health Insurance Authority (NHIA)
Peace & Love Hospital Breast Care International

Total Number of Local Institutions Involved in the C/CAN Process

28 Medilab, Ministry of Health
29 National Health Insurance Authority (NHIA)
30 Network for Health Relief Foundation
31 Peace and Love Hospital
32 Resource Link Foundation
33 Roche, Soyuz Lab
34 Spectra Lab
35 St Benito Menni Hospital
36 Suntreso Government Hospital
37 Tafo Government Hospital
38 Trinity Hospital
39 Willingwang Foundation
40 Yaa Adwobon Foundation

Hon. Osei Assibey Antwi
Mayor of Kumasi, Ghana

Partnering with C/Can has been effective. With the qualitative outputs from the initiative, we are now in a better position to attract partnership in the implementation of sustainable cancer care solutions in the Kumasi.
CITY PROJECTS OVERVIEW

Percentage of agreed milestones completed as of 31 Dec 2020

**PROJECT**

**Radiotherapy**

- 30%

  - Radiotherapy development plan
  - Radiotherapy quality assurance program

**PROJECT**

**Imaging / Nuclear medicine**

- 30%

  - Quality assurance guidelines
  - Radiology and nuclear medicine development plan

**PROJECT**

**Multidisciplinary treatment of breast and cervical cancers**

- 60%

  - Operational plan for multidisciplinary teams
  - Guidelines for management of breast cancer
  - Guidelines for management of breast cancer
  - Cervical and breast cancer treatment protocols

**PROJECT**

**Pathology**

- 30%

  - Pathology quality control program, including standard operating procedures
  - Laboratory development plan
  - Laboratory information management system
CITY PROJECTS OVERVIEW

**PROJECT**

Palliative care

30%

- Palliative care development plan

**PROJECT**

Medical oncology

10%

- Medical oncology development plan with minimal operating requirements

- Essential oncology medicines list

**PROJECT**

Human resources

10%

- Human resources development plan

**PROJECT**

Surgery

10%

- Surgical oncology development plan

KUMASI | GHANA
CITY PROJECTS OVERVIEW

PROJECT

Cancer registry

70%

Cancer registry office equipped and furnished
Sensitisation of target facilities
Training in data entry and data assessment

KEY ACHIEVEMENTS TOWARD SUSTAINABLE IMPACT

Collaboration agreement with the Ministry of Health and the Ghana Health Service drafted to support the long-term sustainability of C/Can projects.

Guidelines for the management of breast and cervical cancer developed in partnership with ASCO and international experts through an innovative virtual approach.

Kumasi cancer registry strengthened to allow for quality data collection across the city, including through the hiring of dedicated staff with a training curriculum, update of registry facilities and equipment, and reconstitution of an advisory board by the registry management.
Kigali, Rwanda

**City population**
1.13 M

**Population reached**
1.6 M

**Cancer incidence rate (per 100,000)**
113.9

**Cancer mortality rate (per 100,000)**
81.4

**Five most common cancer types (men and women)**
Breast, cervix-uteri, prostate, stomach, liver

Source: Globocan 2020

**MEMORANDUM OF UNDERSTANDING SIGNATORIES**

- The City of Kigali
- Polyfam Clinic
- Rwanda Palliative Care and Hospice Organisation
- Ministry of Health

**LOCAL SUSTAINABILITY PARTNERS**
Rwanda is committed to fighting any form of inequality and exclusion in shaping its urbanization. Joining C/Can allowed us to engage all relevant stakeholders locally in designing and executing equitable and sustainable cancer solutions.

Francois Uwinkindi
Manager of NCDs Division
Rwanda Biomedical Centre
Ministry of Health

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</thead>
<tbody>
<tr>
<td>1</td>
<td>Biryogo HC</td>
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<tr>
<td>2</td>
<td>Breast Cancer Initiative East Africa Inc.</td>
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<tr>
<td>3</td>
<td>University Teaching Hospital of Kigali</td>
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<td>4</td>
<td>City of Kigali</td>
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<td>5</td>
<td>Clinique Soins Pour Tous, Dream Center Medical, Gatenga HC</td>
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<td>Harmony Clinic</td>
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<td>Hospice St. Jean Paul II</td>
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<td>Iranzi Clinic</td>
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<td>Islamic Action for Development</td>
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<td>Kanyinya HC</td>
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<td>Kibagabaga Hospital</td>
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<td>13</td>
<td>King Faisal Hospital</td>
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<td>La Croix du Sud Hospital</td>
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<td>Lancet Laboratory</td>
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<td>Legacy Clinics</td>
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<td>Masaka Hospital</td>
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<td>Ministry of Health</td>
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<td>Muhima Hospital</td>
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<td>20</td>
<td>Nyarurenzi HC</td>
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<td>Palliative Care Association of Rwanda</td>
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<td>Polyclinique de L’etoile</td>
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<td>Remera HC</td>
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<td>Rwanda Biomedical Centre</td>
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<td>Rwanda Children’s Cancer Relief</td>
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<td>29</td>
<td>Rwanda Military Hospital</td>
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<td>Rwanda NCD Alliance</td>
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<td>31</td>
<td>Rwanda Palliative Care and Hospice Organisation</td>
</tr>
<tr>
<td>32</td>
<td>Solid Africa, University of Rwanda</td>
</tr>
</tbody>
</table>

**Francois Uwinkindi**  
Manager of NCDs Division  
Rwanda Biomedical Centre  
Ministry of Health

*Rwanda is committed to fighting any form of inequality and exclusion in shaping its urbanization. Joining C/Can allowed us to engage all relevant stakeholders locally in designing and executing equitable and sustainable cancer solutions.*
C/CAN CITY EXECUTIVE COMMITTEE MEMBERS

Rwanda Social Security Board
Breast Cancer Initiative East Africa Inc.
King Faisal Hospital

TOTAL NUMBER OF LOCAL INSTITUTIONS INVOLVED IN THE C/CAN PROCESS

Rwanda Biomedical Center
Rwanda Children’s Cancer Relief
Rwanda Military Hospital
Rwanda NCD Alliance
Rwanda Palliative Care and Hospice Organisation
Solid Africa, University of Rwanda

Francois Uwinkindi
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Rwanda Biomedical Centre
Ministry of Health

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CITY PROJECTS OVERVIEW

Percentage of agreed milestones completed as of 31 Dec 2020

**Radiotherapy**
- **10%**
  - Radiotherapy development plan
  - Radiotherapy quality assurance program

**Imaging**
- 
  - Diagnostic imaging development plan
  - Quality assurance guidelines in radiology
  - Standardised radiology reporting

**Pathology**
- **10%**
  - Pathology laboratory development plan
  - Pathology quality control manual
  - Quality assurance guidelines
  - Standardised pathology reporting

**Multidisciplinary management of breast and cervical cancers**
- 
  - Draft regulation to set up and operationalise multidisciplinary teams
  - Guidelines for management of breast cancer
  - Guidelines for management of cervical cancer
Palliative care

10%

- Core palliative care package
- Palliative care development plan

Medical oncology

- Essential oncology medicines list
- Standardised minimum operating requirements for medical oncology

Surgery

- Establish sub-specialised surgical oncology teams
- Surgical oncology development plans
KEY ACHIEVEMENTS TOWARD SUSTAINABLE IMPACT

**Local sustainability plans**

Collaboration agreement with the City of Kigali and Rwanda Biomedical Center drafted to support the long-term sustainability of C/Can projects.

**National Cancer Control Plan**

Rwanda finalised and launched its National Cancer Control Plan 2020-2024. C/Can will support efforts to ensure that key needs and priorities are addressed through the C/Can process.

**Interoperability**

Additional commitment for the Kigali Hospital network project in partnership with the Rwanda Biomedical Center, and technology partner Allm. The collaboration will enable interoperability in information sharing among key medical facilities in Kigali and surrounding areas.
City population

1.50 M

Population reached

3.01 M

Cancer incidence rate (per 100,000)

215.4

Cancer mortality rate (per 100,000)

91.2

Prostate, breast, colorectum, lung, thyroid

Five most common cancer types (men and women)

Source: Globocan 2020

MEMORANDUM OF UNDERSTANDING

SIGNATORIES

Prefeitura de Porto Alegre

Estado do Rio Grande do Sul

Hospital Moinhos de Vento

FEMAMA - Federação Brasileira de Instituições Filantrôpicas de Apoio à Saúde da Mama
The C/Can pathology manual project advanced in the midst and in spite of the coronavirus pandemic. The project shifted to virtual mode and adapted to the new reality and all of the multidisciplinary professionals volunteering time and knowledge were able to co-create a document that will be useful for the city and an example for the country.
### C/CAN City Executive Committee Members

<table>
<thead>
<tr>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sociedade Brasileira de Radioterapia (SBRT)</td>
</tr>
<tr>
<td>Unimed Porto Alegre</td>
</tr>
<tr>
<td>IPERGS - Instituto de Previdência do Estado do Rio Grande do Sul</td>
</tr>
<tr>
<td>FEMAMA - Federação Brasileira de Instituições Filantrópicas de Apoio à Saúde da Mama</td>
</tr>
<tr>
<td>Grupo Hospitalar Conceição</td>
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</table>

### Total Number of Local Institutions Involved in the C/CAN Process

<table>
<thead>
<tr>
<th>Number</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Prefeitura de Porto Alegre</td>
</tr>
<tr>
<td>2</td>
<td>Secretaria Estadual de Saúde</td>
</tr>
<tr>
<td>3</td>
<td>Estado do Rio Grande do Sul, Secretaria Municipal de Saúde</td>
</tr>
<tr>
<td>4</td>
<td>Hospital Moinhos de Vento</td>
</tr>
<tr>
<td>5</td>
<td>Hospital de Clínicas de Porto Alegre</td>
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<td>6</td>
<td>Hospital Presidente Vargas</td>
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<td>7</td>
<td>Hospital Santa Casa</td>
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<td>8</td>
<td>Hospital São Lucas da PUCRS</td>
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<td>9</td>
<td>Instituto Nacional de Câncer José Alencar Gomes da Silva (INCA)</td>
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<td>10</td>
<td>Latin American, Cooperative Oncology Group (LACOG)</td>
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<td>11</td>
<td>Sociedade Brasileira Cirurgia Oncológica - Regional RS, Sociedade Brasileira de Oncologia Clínica (SBOC),</td>
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</tbody>
</table>
## TOTAL NUMBER OF LOCAL INSTITUTIONS INVOLVED IN THE C/CAN PROCESS

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<tr>
<td>12</td>
<td>Sociedade Brasileira de Radioterapia (SBRT)</td>
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<tr>
<td>13</td>
<td>Sociedade Brasileira de Patologia</td>
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<tr>
<td>14</td>
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<td>IPERGS - Instituto de Previdência do Estado do Rio Grande do Sul</td>
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<td>17</td>
<td>Grupo Hospitalar Conceição</td>
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<td>18</td>
<td>Universidade Federal de Ciências da Saúde de Porto Alegre</td>
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<td>19</td>
<td>Instituto de Avaliação de Tecnologia em Saúde (IATS)</td>
</tr>
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<td>Laboratório Santa Helena</td>
</tr>
<tr>
<td>21</td>
<td>Laboratório de Patologia Dermapat</td>
</tr>
<tr>
<td>22</td>
<td>Instituto Patologistas</td>
</tr>
</tbody>
</table>

### C/CAN CITY EXECUTIVE COMMITTEE MEMBERS

- Sociedade Brasileira de Radioterapia (SBRT)
- Unimed Porto Alegre
- IPERGS - Instituto de Previdência do Estado do Rio Grande do Sul
- FEMAMA - Federação Brasileira de Instituições Filantrópicas de Apoio à Saúde da Mama
- Grupo Hospitalar Conceição
- Simone MS Machado, Medical Pathologist, Hospital de Clínicas de Porto Alegre

The C/Can pathology manual project advanced in the midst and in spite of the coronavirus pandemic. The project shifted to virtual mode and adapted to the new reality and all of the multidisciplinary professionals volunteering time and knowledge were able to co-create a document that will be useful for the city and an example for the country.
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**C/CAN CITY EXECUTIVE COMMITTEE MEMBERS**

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<thead>
<tr>
<th>Total Number of Local Institutions Involved in the C/CAN Process</th>
</tr>
</thead>
<tbody>
<tr>
<td>23 ISCMPA Laboratório de Patologia e Citologia</td>
</tr>
<tr>
<td>24 Laboratório Edelweiss,</td>
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<tr>
<td>25 LZ Patologia, Instituto de Patologia de Passo Fundo</td>
</tr>
<tr>
<td>26 Citoclin Laboratório de AP e CP</td>
</tr>
<tr>
<td>27 MD Medicina Digital</td>
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<tr>
<td>28 Laboratório Geyer</td>
</tr>
<tr>
<td>29 Histolab Laboratório de Anatomia Patológica e Citologia</td>
</tr>
<tr>
<td>30 Anatpat Laboratório de Patologia</td>
</tr>
<tr>
<td>31 Hospital Mãe de Deus</td>
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<tr>
<td>32 AAPECAN - Associação de Apoio a Pessoas com Câncer</td>
</tr>
<tr>
<td>33 Instituto da Mama do Rio Grande do Sul</td>
</tr>
<tr>
<td>34 Abrale - Associação Brasileira de Linfoma e Leucemia</td>
</tr>
</tbody>
</table>
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## CITY PROJECTS OVERVIEW

Percentage of agreed milestones completed as of 31 Dec 2020

<table>
<thead>
<tr>
<th>PROJECT</th>
<th>Pathology</th>
<th>Data</th>
<th>Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>10%</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regulation to establish multidisciplinary teams and capacity building program</td>
<td>Pathology quality control program</td>
<td>Terms of reference for a technical committee to oversee the population-based cancer registry</td>
<td>Research protocol on opportunities to improve access of patients with prostate cancer to radiotherapy</td>
</tr>
<tr>
<td>Guidelines for management of breast cancer</td>
<td>Module for pathology reports integrated into patient referral system</td>
<td>Population-based cancer registry development plan</td>
<td>Funding mobilisation to support study implementation</td>
</tr>
<tr>
<td>Guidelines for management of prostate cancer</td>
<td></td>
<td>Assessment and recommendations to ensure minimum data requirements</td>
<td></td>
</tr>
</tbody>
</table>
**CITY PROJECTS OVERVIEW**

**PROJECT**

Palliative care

- **10%**

- Strategic city sustainability plan
- Business model and legal requirements to operationalize a local cancer-focused new civil society organisation
- Fundraising capacity building

**KEY ACHIEVEMENTS TOWARD SUSTAINABLE IMPACT**

- **Quality Manual for Pathology**
  Drafted with input from 15+ local laboratories.

- **Radiotherapy process in prostate cancer**
  Research protocol developed in partnership with IATS - “Increasing efficiency in access and optimizing financial coverage of diagnosis and treatment techniques considered a priority” to create a tool to measure the cost/efficiency of the radiotherapy process in prostate cancer - approved by Varian for sponsorship.

- **Local sustainability plans**
  Plans developed for the creation of a new association under the guidance of the CEC to lead sustainability efforts and continue working toward multi stakeholder city-led solutions to improve access to quality and equitable cancer care in Porto Alegre.
TBILISI
GEORGIA

1.18 M
City population

2.97 M
Population reached

196.1
Cancer incidence rate (per 100,000)

113.0
Cancer mortality rate (per 100,000)

Breast, lung, colorectum, prostate, stomach
Five most common cancer types (men and women)

Source: Globocan 2020

MEMORANDUM
OF UNDERSTANDING
SIGNATORIES

Ministry of Internally Displaced Persons from the Occupied Territories, Labour

Health and Social Affairs of Georgia

Tbilisi City Hall

Georgia Patients’ Union

LOCAL SUSTAINABILITY PARTNERS
Tbilisi’s journey to reinventing cancer treatment has been bolstered by C/Can’s coordination to create a platform for cancer care that has seen a concerted effort by all stakeholders to improve access to quality cancer care across the city.
## Total Number of Local Institutions Involved in the C/Can Process

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<th>Institution Name</th>
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<tbody>
<tr>
<td>15</td>
<td>New Vision</td>
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<td>16</td>
<td>Consilium Medulla-Multiprofile Clinic</td>
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<td>Zodelava Hematology Clinic</td>
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<td>Aladashvili University Clinic</td>
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<td>Eristavi National Center of Experimental and Clinical Surgery</td>
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<td>Innova</td>
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<td>22</td>
<td>TSMU First University Clinic</td>
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<td>Regional Hospital (Caucasus Medical Center)</td>
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<td>New Hospitals</td>
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<td>Megalab</td>
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<td>Institute for Personalized Medicine</td>
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<td>27</td>
<td>M. Iashvili Children’s Central Hospital</td>
</tr>
</tbody>
</table>

**Gela Chiviashvili**  
Head of Department of Health and Social Services, Tbilisi City Hall

"Tbilisi’s journey to reinventing cancer treatment has been bolstered by C/Can’s coordination to create a platform for cancer care that has seen a concerted effort by all stakeholders to improve access to quality cancer care across the city."
C/CAN CITY EXECUTIVE COMMITTEE MEMBERS

Ministry of Internally Displaced Persons from the Occupied Territories, Labour
Health and Social Affairs of Georgia
Tbilisi City Hall
Georgia Patients’ Union
Europa Donna Georgia
National Centre for Disease Control and Public Health
Tbilisi State Medical University
Todua Medical Centre
Mardaleishvili Medical Centre
Young Oncologists Group of Georgia
Universal Medical Centre
Parliament of Georgia-Healthcare Committee

TOTAL NUMBER OF LOCAL INSTITUTIONS INVOLVED IN THE C/CAN PROCESS

28 German Hospital
29 The National Center for Disease Control and Public Health (NCDC)
30 Georgian Patient Union
31 Europa Donna Georgia
32 Tbilisi State Medical University

Gela Chiviashvili
Head of Department of Health and Social Services, Tbilisi City Hall

Tbilisi’s journey to reinventing cancer treatment has been bolstered by C/Can’s coordination to create a platform for cancer care that has seen a concerted effort by all stakeholders to improve access to quality cancer care across the city.
CITY PROJECTS OVERVIEW

Percentage of agreed milestones completed as of 31 Dec 2020

**Radiotherapy**
- 10%
  - Radiotherapy development plan
  - Radiotherapy quality assurance program
  - Syllabus for training of medical physicists

**Imaging / Nuclear Medicine**
- 10%
  - Standardised radiology reports
  - Quality assurance guidelines for radiology
  - Quality assurance guidelines for nuclear medicine
  - Syllabus for training of radiation technologists
  - Technical report on the feasibility of introducing cyclotron

**Multidisciplinary treatment of breast and cervical cancers**
- 10%
  - Draft regulation to set up and operationalise multidisciplinary teams
  - Guidelines for management of breast cancer

**Pathology**
- 10%
  - Norm of quality criteria with minimal operating requirements for pathology laboratories
  - Pathology Quality Control Manual
  - Quality protocols for sample taking, handling and specimen transportation
  - Specification for setting up a telepathology program
Human resources

10%

- Policy recommendation for strengthening cancer care education at under-graduate level
- Reviewed post graduate level training programme for medical oncology
- Reviewed post graduate level training programme for radiation oncology
- Reviewed post graduate level training programme for surgical oncology
- Draft resolution for continuous medical education for cancer care
- Training modules on cancer care for non-cancer medical specialists
- Training module for oncology nurses

Cancer registry

10%

- Data Policy guidance to harmonise high quality data
- Advocacy document for streamlining patient data authorisation

Local sustainability plans

- Expansion of cancer medicines list

- Lancet Oncology Publication

Signature of collaboration agreement formalising the Ministry of Health and City Hall as local sustainability partners.

Georgia announced the expansion of the groups of cancer medicines covered by the Universal Healthcare Program and an increase in the amount of financial coverage per patient per annum. C/Can engaged and mobilised local and global stakeholders to inform and support this effort.

Article co-authored by C/Can and the Ministry of Health highlighting this milestone achievement in cancer care accepted for publication in a peer-reviewed journal (Lancet Oncology, February 2021).
### LEON MEXICO

<table>
<thead>
<tr>
<th>City population</th>
<th>Population reached</th>
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<tbody>
<tr>
<td>1.58 M</td>
<td>1.58 M</td>
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</table>

<table>
<thead>
<tr>
<th>Cancer incidence rate (per 100,000)</th>
<th>Cancer mortality rate (per 100,000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>140.4</td>
<td>63.2</td>
</tr>
</tbody>
</table>

**Five most common cancer types (men and women):**

- Breast
- Prostate
- Colorectum
- Thyroid
- Cervix-uteri

**Source:** Globocan 2020

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**MEMORANDUM OF UNDERSTANDING SIGNATORIES**

- Secretaría de Salud de Guanajuato
- Instituto Nacional de Cancerología
- Municipio de León
- Fundación Rodolfo Padilla
KEY ACHIEVEMENTS TOWARD SUSTAINABLE IMPACT

Official launch of C/Can activities and signing of an MoU between C/Can, the National Cancer Institute, Ministry of Health of Guanajuato, Municipality of Leon and Rodolfo Padilla Foundation.

31 health professionals from Leon’s main hospitals participated in C/Can’s TeleEcho Program, a virtual learning platform that supports city-to-city exchange of knowledge and best practices in core cancer disciplines.

Signing of a collaboration agreement with AMIIF, the Mexican pharmaceutical industry association, to provide support to the C/Can process in Leon.
C/CAN CITY EXECUTIVE COMMITTEE MEMBERS

Asociación Mexicana de Ayuda a Niños con Cáncer
Hospital Infantil Teletón de Oncología
Red Cáncer México
Asociación Mexicana de Industrias de Investigación Farmacéutica
Consejo Coordinador Empresarial de León
Tecnológico de Monterrey, Campus León

KEY ACHIEVEMENTS TOWARD SUSTAINABLE IMPACT

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Signing of a collaboration agreement with AMIIF, the Mexican pharmaceutical industry association, to provide support to the C/Can process in Leon.
GREATER PETALING MALAYSIA

1.4 M
City population

2.2 M
Population reached

143.9
Cancer incidence rate (per 100,000)

87.3
Cancer mortality rate (per 100,000)

Breast, colorectum, lung, nasopharynx, liver
Five most common cancer types (men and women)

Source: Globocan 2020
KEY ACHIEVEMENTS TOWARD SUSTAINABLE IMPACT

High-level commitment secured from local stakeholders including:

- MoU between C/Can, Selangor State Government, University of Malaya and National Cancer Society of Malaysia pending final signature.
- Endorsement of the C/Can initiative by the Majlis Tindakan Ekonomi (MTES)/Economic Action Council, chaired by the Chief Minister of Selangor.
- Successful application to the Malaysia Ethics Review Committee to run the C/Can city needs assessment process in full compliance with local data regulations and ethical guidelines.

31 health professionals from Leon’s main hospitals participated in C/Can’s TeleEcho Program, a virtual learning platform that supports city-to-city exchange of knowledge and best practices in core cancer disciplines.

Prof Dr Nur Aishah Binti Mohd Taib
Director, University of Malaya Cancer Research Institute

The C/Can framework recognises the importance of multidisciplinary collaboration in achieving equitable and sustainable quality cancer care.
<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Country</th>
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</thead>
<tbody>
<tr>
<td>Sanchia Aranda</td>
<td>Cancer Council Australia / University of Melbourne</td>
<td>Australia</td>
</tr>
<tr>
<td>Raúl Doria</td>
<td>Grupo San Roque</td>
<td>Paraguay</td>
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<tr>
<td>Justin Abbott</td>
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<td>United Kingdom</td>
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<tr>
<td>Zipporah Ali</td>
<td>Kenya Hospices and Palliative Care Association</td>
<td>Kenya</td>
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<tr>
<td>Thomas Cueni</td>
<td>International Federation of Pharmaceutical Manufacturers and Associations</td>
<td>Switzerland</td>
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<tr>
<td>Mary Gospodarowicz</td>
<td>University of Toronto</td>
<td>Canada</td>
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<tr>
<td>Yin Yin Htun</td>
<td>Shwe Yaung Hnin Si Cancer Foundation, Pun Hlaing Siloam Hospital</td>
<td>Myanmar</td>
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<tr>
<td>Kolleen Kennedy</td>
<td>Varian Medical Systems</td>
<td>United States</td>
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<td>Mark Middleton</td>
<td>Icon Group</td>
<td>Australia</td>
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<td>Jörg-Michael Rupp</td>
<td>Roche Pharma International</td>
<td>Switzerland</td>
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<td>Adolfo Rubinstein</td>
<td>Ministry of Health and Social Affairs</td>
<td>Argentina</td>
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</tbody>
</table>
TECHNICAL ADVISORY COMMITTEE

Dr Zipporah Ali
Kenya Hospices and Palliative Care Association

Dr Rolando Camacho
City Cancer Challenge

Andrew Dimech
Royal Marsden NHS Foundation Trust

Prof Mary Gospodarowicz
(Chair)
University of Toronto

Dr Gilberto Lopes
University of Miami Sylvester Comprehensive Cancer Center

Prof Jane Turner
University of Queensland
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>City/Location</th>
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<tbody>
<tr>
<td>Olga I. Arboleda Naranjo</td>
<td>Cali, City Manager</td>
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<tr>
<td>Dr Thet Ko Aung</td>
<td>Technical Assistance Officer</td>
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<tr>
<td>Fred Kwame Awittor</td>
<td>Kumasi, City Manager</td>
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<tr>
<td>Sophie Bussmann-Kemdjo</td>
<td>Regional Director, Africa &amp; Europe</td>
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<tr>
<td>Dr Rolando Camacho</td>
<td>Global Technical Lead</td>
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<tr>
<td>Jade Chakowa</td>
<td>Senior Manager, Monitoring, Evaluation, and Learning</td>
<td></td>
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<tr>
<td>Diogo de Sousa Neves</td>
<td>Senior Manager, Technical Assistance and Partnerships</td>
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<tr>
<td>Dr Beatriz Escriña</td>
<td>Head, Global Communications</td>
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<tr>
<td>Dr Teresa Romero</td>
<td>Asuncion, Project Manager</td>
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<tr>
<td>Laura Foschi</td>
<td>Administrative and Governance Coordinator</td>
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<td>Maria Fernanda Franco Esquivel</td>
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<td>Dr Silvina Frech</td>
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<td>Maximiliano Funosas</td>
<td>Director, Finance and Corporate Services</td>
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<td>Norlin Ghazali</td>
<td>City Manager, Greater Petaling</td>
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<tr>
<td>Dr Susan Henshall</td>
<td>CEO</td>
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<td>Dr Gvantsa Khizanishvili</td>
<td>Tbilisi City Manager</td>
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<td>Isabel Mestres Mesa</td>
<td>Director, Global Public Affairs</td>
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<td>Rebecca Morton Doherty</td>
<td>Director, Policy and Global Impact</td>
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<td>Kyaw Myo Htat</td>
<td>City Manager, Yangon</td>
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<td>Dr Aung Naing Soe</td>
<td>Regional Director, Asia</td>
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<td>Dr Maria Fernanda Navarro</td>
<td>Regional Director, Latin America</td>
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<td>Dr Christian Ntzimira</td>
<td>Kigali City Manager</td>
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<td>Sandra Isano</td>
<td>Kigali City Manager</td>
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<td>Stephanie Shahini</td>
<td>Porto Alegre City Manager</td>
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<tr>
<td>Laura Solia Shellaby</td>
<td>Lead, City Health Financing</td>
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<td>Jérôme St-Denis</td>
<td>Head, Resource Mobilisation</td>
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<td>Jane Janz</td>
<td>Coordinator, Learning and Storytelling</td>
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<td>C/CAN PARTNERS</td>
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<td>International Society of Nurses in Cancer Care</td>
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<td>World Economic Forum</td>
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C/CAN CITY EXECUTIVE COMMITTEE MEMBERS
AND MOU SIGNATORIES

Cali

- Ministerio de Salud y Protección Social
- Gobernación del Valle del Cauca
- Alcaldía de Santiago de Cali
- Secretaría Departamental de Salud - Valle del Cauca
- Secretaría de Salud Pública Municipal - Cali
- Fundación Valle del Lili

Asuncion

- Municipalidad de Asunción
- Grupo San Roque
- Instituto de Previsión Social, ex presidente Sociedad de Oncología
- Universidad Nacional de Asunción, Facultad de Medicina
- Universidad Nacional de Asunción. Hospital de Clínicas

Yangon

- Department of Public Health, Ministry of Health and Sports
- Department of Medical Services, Ministry of Health and Sports
- Yangon Region Government
- Myanmar Medical Association
- Yangon General Hospital, Hospital Administration

Kumasi

- Ministry of Health
- Ashanti Regional Coordinating Council
- Kumasi Metropolitan Assembly
- Ashanti Traditional Council
- Komfo Anokye Teaching Hospital
- Ghana Health Service
### Cali
- Centro Medico Imbanaco
- Hospital Universitario del Valle
- Hemato Oncólogos S.A.
- Clínica de Occidente
- Universidad del Valle - Registro Poblacional de Cáncer - Cali
- Universidad del Valle - Decano Facultad de Salud
- Unicáncer
- Funcáncer

### Asuncion
- Municipalidad de Asunción
- Grupo San Roque
- Instituto de Previsión Social, ex presidente Sociedad de Oncología
- Universidad Nacional de Asunción, Facultad de Medicina
- Universidad Nacional de Asunción. Hospital de Clínicas

### Yangon
- Department of Public Health, Ministry of Health and Sports
- Department of Medical Services, Ministry of Health and Sports
- Yangon Region Government
- Myanmar Medical Association
- Yangon General Hospital, Hospital Administration

### Kumasi
- Ministry of Health
- Ashanti Regional Coordinating Council
- Kumasi Metropolitan Assembly
- Ashanti Traditional Council
- Komfo Anokye Teaching Hospital
- Ghana Health Service
**C/CAN CITY EXECUTIVE COMMITTEE MEMBERS AND MOU SIGNATORIES**

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<tr>
<th>Cali</th>
<th>Asuncion</th>
<th>Yangon</th>
<th>Kumasi</th>
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<tbody>
<tr>
<td>ACEMI (Asociación EPS R. Contributivo)</td>
<td>Municipalidad de Asunción</td>
<td>Department of Public Health, Ministry of Health and Sports</td>
<td>Ministry of Health</td>
</tr>
<tr>
<td>EMSSANAR</td>
<td>Grupo San Roque</td>
<td>Department of Medical Services, Ministry of Health and Sports</td>
<td>Ashanti Regional Coordinating Council</td>
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<tr>
<td>Fundación POHEMA</td>
<td>Instituto de Previsión Social, ex presidente Sociedad de Oncología</td>
<td>Yangon Region Government</td>
<td>Kumasi Metropolitan Assembly</td>
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<tr>
<td>SOS</td>
<td>Universidad Nacional de Asunción, Facultad de Medicina</td>
<td>Myanmar Medical Association</td>
<td>Ashanti Traditional Council</td>
</tr>
<tr>
<td>AFIDRO (Asociación de Laboratorios Farmacéuticos de Investigación y Desarrollo)</td>
<td>Universidad Nacional de Asunción. Hospital de Clínicas</td>
<td>Yangon General Hospital, Hospital Administration</td>
<td>Komfo Anokye Teaching Hospital</td>
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**Cali**
- ACEMI (Asociación EPS R. Contributivo)
- EMSSANAR
- Fundación POHEMA
- SOS
- AFIDRO (Asociación de Laboratorios Farmaceúticos de Investigación y Desarrollo)

**Asuncion**
- Autoridad Regulatoria Radiológica y Nuclear
- Instituto Codas Thompson
- Ministerio de Salud Pública y Bienestar Social
- Instituto Nacional del Cáncer, MSPBS
- Programa Nacional de Control del Cáncer, MSPBS

**Yangon**
- Department of Public Health, Ministry of Health and Sports
- Department of Medical Services, Ministry of Health and Sports
- Yangon Region Government
- Myanmar Medical Association
- Yangon General Hospital, Hospital Administration

**Kumasi**
- Ministry of Health
- Ashanti Regional Coordinating Council
- Kumasi Metropolitan Assembly
- Ashanti Traditional Council
- Komfo Anokye Teaching Hospital
- Ghana Health Service
### C/CAN City Executive Committee Members and MOU Signatories

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<td>Fundacion Unidos Contra El Cáncer (FUNCA)</td>
<td>Department of Public Health, Ministry of Health and Sports</td>
<td>Ministry of Health</td>
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<td>EMSSANAR</td>
<td>Fundación ReNACI</td>
<td>Department of Medical Services, Ministry of Health and Sports</td>
<td>Ashanti Regional Coordinating Council</td>
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<td>Yangon Region Government</td>
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<td>Ghana Health Service</td>
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### C/CAN City Executive Committee Members and MOU Signatories

#### Cali
- ACEMI (Asociación EPS R. Contributivo)
- EMSSANAR
- Fundación POHEMA
- SOS
- AFIDRO (Asociación de Laboratorios Farmacéuticos de Investigación y Desarrollo)

#### Asuncion
- Fundacion Unidos Contra El Cáncer (FUNCA)
- Fundación ReNACI

#### Yangon
- Yangon Regional Health Department, Ministry of Health and Sports
- Department of Non Communicable Diseases (NCDs), Ministry of Health and Sports (MOHS)
- Shwe Yaung Hnin Si Cancer Foundation
- Yangon General Hospital, Department of Medical Oncology

#### Kumasi
- Ministry of Health
- Ashanti Regional Coordinating Council
- Kumasi Metropolitan Assembly
- Ashanti Traditional Council
- Komfo Anokye Teaching Hospital
- Ghana Health Service
### C/CAN City Executive Committee Members and MOU Signatories

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<td>Fundación ReNACI</td>
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<tr>
<td>Yangon</td>
<td>Yangon General Hospital, Department of Radiation Oncology</td>
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<td></td>
<td>Central Women’s Hospital, Hospital Administration</td>
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<td>Yangon Children’s Hospital, Dept. of Haemato-Oncology</td>
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<td></td>
<td>U Hla Tun Cancer Foundation</td>
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<td>Myanmar Private Hospital Association</td>
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<tr>
<td>Kumasi</td>
<td>Ministry of Health</td>
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<td>Ashanti Regional Coordinating Council</td>
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<td>Ashanti Traditional Council</td>
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<td>Komfo Anokye Teaching Hospital</td>
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<td>Ghana Health Service</td>
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## C/CAN CITY EXECUTIVE COMMITTEE MEMBERS AND MOU SIGNATORIES

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<tr>
<th>Cali</th>
<th>Asuncion</th>
<th>Yangon</th>
<th>Kumasi</th>
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<tr>
<td>ACEMI (Asociación EPS R. Contributivo)</td>
<td>Fundacion Unidos Contra El Cáncer (FUNCA)</td>
<td>Yangon General Hospital, Department of Radiation Oncology</td>
<td>Kwame Nkrumah University of Science and Technology National Health Insurance Authority (NHIA)</td>
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<tr>
<td>EMSSANAR</td>
<td>Fundación ReNACI</td>
<td>Central Women’s Hospital, Hospital Administration</td>
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<td>Fundación POHEMA</td>
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<td>Yangon Children’s Hospital, Dept. of Haemato-Oncology</td>
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<tr>
<td>SOS</td>
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<td>U Hla Tun Cancer Foundation</td>
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</tr>
<tr>
<td>AFIDRO (Asociación de Laboratorios Farmaceúticos de Investigación y Desarrollo)</td>
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<td>Myanmar Private Hospital Association</td>
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</table>
### C/CAN CITY EXECUTIVE COMMITTEE MEMBERS AND MOU SIGNATORS

#### Kigali
- The City of Kigali
- Polyfam Clinic
- Rwanda Palliative Care and Hospice Organisation
- Ministry of Health
- Rwanda Military Hospital
- Kigali Teaching University Hospital
- University of Rwanda
- IMBUTO Foundation

#### Porto Alegre
- Prefeitura de Porto Alegre
- Secretaria Estadual de Saúde
- Estado do Rio Grande do Sul
- Secretaria Municipal de Saúde
- Hospital Moinhos de Vento
- Hospital de Clínicas de Porto Alegre

#### Tbilisi
- Ministry of Internally Displaced Persons from the Occupied Territories, Labour, Health and Social Affairs of Georgia
- Tbilisi City Hall
- Georgia Patients’ Union
- Europa Donna Georgia
- National Centre for Disease Control and Public Health

#### Leon (from February 2021)
- Secretaría de Salud de Guanajuato MoU
- Instituto Nacional de Cancerología MoU
- Municipio de León MoU
- Dirección de Salud de León
- Fundación Rodolfo Padilla MoU
- Universidad de Guanajuato, Sede León
C/CAN CITY EXECUTIVE COMMITTEE MEMBERS AND MOU SIGNATORIES

Kigali

- Rwanda Biomedical Center- Cancer division
- MUHIMA District Hospital
- Hospice St. Jean Paul II
- Rwanda Children’s Cancer Relief
- Rwanda NCD Alliance
- Rwanda Social Security Board
- Breast Cancer Initiative East Africa Inc.
- King Faisal Hospital

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- Fundación Rodolfo Padilla MoU
- Universidad de Guanajuato, Sede León

MOU signatories
### C/CAN CITY EXECUTIVE COMMITTEE MEMBERS AND MOU SIGNATORIES

<table>
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<th>Kigali</th>
<th>Porto Alegre</th>
<th>Tbilisi</th>
<th>Leon (from February 2021)</th>
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<tr>
<td>Rwanda Biomedical Center- Cancer division</td>
<td>Hospital Presidente Vargas</td>
<td>Ministry of Internally Displaced Persons</td>
<td>Secretaría de Salud de</td>
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<tr>
<td>MUHIMA District Hospital</td>
<td>Hospital Santa Casa</td>
<td>from the Occupied Territories, Labour,</td>
<td>Guanajuato MoU</td>
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<td>Hospice St. Jean Paul II</td>
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<td>Health and Social Affairs of Georgia</td>
<td>Instituto Nacional de</td>
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<td>Rwanda Children’s Cancer Relief</td>
<td>Instituto Nacional de Câncer José Alencar Gomes</td>
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<td>Cancerología MoU</td>
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<td>da Silva (INCA)</td>
<td>Georgia Patients’ Union</td>
<td>Municipio de León MoU</td>
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<td>Rwanda Social Security Board</td>
<td>Latin American Cooperative Oncology Group (LACOG)</td>
<td>Europa Donna Georgia</td>
<td>Dirección de Salud de</td>
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<td>Breast Cancer Initiative East Africa Inc.</td>
<td></td>
<td>National Centre for Disease Control</td>
<td>León</td>
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<tr>
<td>King Faisal Hospital</td>
<td></td>
<td>and Public Health</td>
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</table>

**MOU signatories**

- Ministry of Internally Displaced Persons from the Occupied Territories, Labour, Health and Social Affairs of Georgia
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- Europa Donna Georgia
- National Centre for Disease Control and Public Health
- Secretaría de Salud de Guanajuato MoU
- Instituto Nacional de Cancerología MoU
- Municipio de León MoU
- Dirección de Salud de León
- Fundación Rodolfo Padilla MoU
- Universidad de Guanajuato, Sede León
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<td>Rwanda Biomedical Center- Cancer division</td>
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<td>MUHIMA District Hospital</td>
<td>Sociedade Brasileira de Oncologia Clínica (SBOC)</td>
<td>Tbilisi City Hall</td>
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<td>IPERGS - Instituto de Previdência do Estado do Rio Grande do Sul</td>
<td>National Centre for Disease Control and Public Health</td>
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<td>Rwanda Social Security Board</td>
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<td>Breast Cancer Initiative East Africa Inc.</td>
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<td>King Faisal Hospital</td>
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<tr>
<td><strong>Kigali</strong></td>
<td>Rwanda Biomedical Center- Cancer division, MUHIMA District Hospital, Hospice St. Jean Paul II, Rwanda Children's Cancer Relief, Rwanda NCD Alliance, Rwanda Social Security Board, Breast Cancer Initiative East Africa Inc., King Faisal Hospital</td>
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<tr>
<td><strong>Porto Alegre</strong></td>
<td>FEMAMA - Federação Brasileira de Instituições Filantrópicas de Apoio à Saúde da Mama, Grupo Hospitalar Conceição</td>
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<tr>
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<td>Ministry of Internally Displaced Persons from the Occupied Territories, Labour, Health and Social Affairs of Georgia, Tbilisi City Hall, Georgia Patients’ Union, Europa Donna Georgia, National Centre for Disease Control and Public Health</td>
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<td><strong>Leon</strong></td>
<td>Secretaría de Salud de Guanajuato MoU, Instituto Nacional de Cancerología MoU, Municipio de León MoU, Dirección de Salud de León, Fundación Rodolfo Padilla MoU, Universidad de Guanajuato, Sede León</td>
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*MOU* stands for Memorandum of Understanding.
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- Rwanda Biomedical Center - Cancer division
- MUHIMA District Hospital
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- Rwanda NCD Alliance
- Rwanda Social Security Board
- Breast Cancer Initiative East Africa Inc.
- King Faisal Hospital

### Porto Alegre
- FEMAMA - Federação Brasileira de Instituições Filantrópicas de Apoio à Saúde da Mama
- Grupo Hospitalar Conceição

### Tbilisi
- Tbilisi State Medical University
- Todua Medical Centre
- Mardaleishvili Medical Centre
- Young Oncologists Group of Georgia
- Universal Medical Centre
- Parliament of Georgia-Healthcare Committee

### Leon (from February 2021)
- Secretaría de Salud de Guanajuato MoU
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**C/CAN CITY EXECUTIVE COMMITTEE MEMBERS AND MOU SIGNATORIES**

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**MOU signatories**

- C/CAN CITY EXECUTIVE COMMITTEE MEMBERS
- AND MOU SIGNATORIES
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AND MOU SIGNATORIES

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- Universal Medical Centre
- Parliament of Georgia-Healthcare Committee

Leon (from February 2021)
- Hospital Ángeles León
- Hospital Aranda de la Parra
- Hospital General de León
- Hospital Regional de Alta Especialidad del Bajío
- Hospital General de la Unidad Médica de Alta Especialidad T1

MOU signatories

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- Universal Medical Centre
- Parliament of Georgia-Healthcare Committee

### Leon (from February 2021)
- Hospital Regional Instituto de Seguridad y Servicios Sociales de los Trabajadores del Estado
- Jurisdicción Sanitaria VII

### MOU signatories
- C/CAN CITY EXECUTIVE COMMITTEE MEMBERS AND MOU SIGNATORIES
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<tr>
<th>Name</th>
<th>Institution/Organization</th>
<th>Country</th>
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<tr>
<td>Julian Agudelo</td>
<td>Clínica Occidente</td>
<td>COLOMBIA</td>
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<td>Jane Brock</td>
<td>Harvard Medical School</td>
<td>UNITED STATES</td>
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<td>Soehartati Gondhowiardjo</td>
<td>Cipto Mangunkusumo Hospital</td>
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<td>Emmanuel Luyirika</td>
<td>African Palliative Care Association</td>
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<td>Joan Albanell</td>
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<td>Sofia Bunge</td>
<td>PAMP-FF</td>
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<td>Margie Hjorth</td>
<td>ICON Group</td>
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<td>CEDAP</td>
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<td>Abelardo Meneses</td>
<td>National Cancer Institute</td>
<td>MEXICO</td>
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<td>Yavuz Anacak</td>
<td>Turkish Society for Radiation Oncology</td>
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<td>Lucia Delgado</td>
<td>Medicine faculty, University of the Republic</td>
<td>URUGUAY</td>
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<tr>
<td>Claire Karekezi</td>
<td>Rwanda Military Hospital</td>
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<td>Mark Middleton</td>
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<td>AUSTRALIA</td>
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<td>Benjamin O. Anderson</td>
<td>Breast Health Global Initiative</td>
<td>UNITED STATES</td>
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<td>Stephanie Dutton</td>
<td>University of Pittsburgh Medical Center</td>
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<td>Suresh Kumarn</td>
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<td>Josep Borras</td>
<td>Catalan Oncology Plan</td>
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<td>SPAIN</td>
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<tr>
<td>Roberto Lopez</td>
<td>Hospital de Clinicas, National University of Asuncion Medical School</td>
<td>PARAGUAY</td>
</tr>
<tr>
<td>Susan Msadabwe-Chikuni</td>
<td>Cancer Diseases Hospital</td>
<td>ZAMBIA</td>
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</table>
Catherine Mwaba  
Cancer Diseases Hospital  
ZAMBIA

Win Naing  
VA Southern Nevada Health System  
UNITED STATES

Catherine Mwaba  
Cancer Diseases Hospital  
ZAMBIA

C.S. Pramesh  
Tata Memorial Hospital  
INDIA

Kathryn Spangenberg  
Komfo Anoye Teaching Hospital  
GHANA

Marcela Specos  
Pallium Latinoamérica  
ARGENTINA

Angel Vidal  
Catalan Institute of Oncology  
SPAIN

Strojan Primož  
Institute of Oncology Ljubljana  
SLOVENIA

Jordi Trelis  
Catalan Institute of Oncology  
SPAIN

Carolina Wiesner  
National Cancer Institute  
COLOMBIA

Naomi Oyoe  
Korle Bu Teaching Hospital  
GHANA

Francisca Redondo  
Chile University  
CHILE

Shylasree TS  
Tata Memorial Hospital  
INDIA

Angela Zambrano  
Fundación Valle del Lili  
COLOMBIA

Tania Pastrana  
RWTH University Hospital  
GERMANY

Winnie So  
Chinese University of Hong Kong  
HONG KONG

Ilse Vasquez  
Imbanaco  
COLOMBIA

Isabel Pimentels  
Vall d'Hebron Institute of Oncology  
SPAIN

Olaitan Soyannwo  
Centre for Palliative Care  
NIGERIA

Mar Vernet  
Hospital del Mar  
SPAIN
C/Can continued to grow during its second year after inception, ratifying its commitment with all the cities where it is involved and performing in a stable financial position. The 2020 Statutory Financial Statements were audited by PricewaterhouseCoopers SA.

C/Can accounts show balanced books and sufficient income to cover all activities and operations. Its reserves are at a sustainable level to cover the operational costs of its cities and to service its portfolio to new incoming cities as a result of the last global call for applications performed in 2020.
The road to connected health

As C/Can’s network expands, with new cities joining in 2021, the focus for the year ahead will be to harness our collective ability to learn, innovate and connect for lasting change.

Digital technologies will feature as C/Can connects patients, professionals and providers to enable locally-led solutions designed to improve sharing of information between health professionals, improve community access and reduce fragmentation of care.

Knowledge and innovation exchange will also be paramount as C/Can supports local leaders to learn and evolve in today’s rapidly changing environment and achieve long-term sustainability of cancer solutions.