



Supporting Conduct, Improving Outcomes and Demonstrating Impact of Canadian Academic Cancer Trials

2018/19 ANNUAL REPORT

Executive Opening Statement



Dr. Peter Selby, SAB Chair | Dr. Janet Dancey, Scientific Director | Stephen Sundquist, Executive Director

On behalf of the Canadian Cancer Clinical Trials Network's (3CTN) members, funders, collaborators and stakeholders, we are proud to present our annual report for the 2018-2019 fiscal year, which reflects the accomplishments achieved in the first year of the Network's current strategic plan.

This year we launched our renewed strategic plan for 2018-2022, incorporating objectives and activities for participating cancer centres and affiliated centres from regions across the country. We implemented a restructured governance framework and an adapted communications model to align with set objectives and activities developed to best address operating capacity and evolutionary changes in the clinical trials environment.

We are pleased to note that the year-over-year trend of increased patient accrual to Canadian academic clinical trials observed since 3CTN's creation has continued again this year. 3CTN is also proud to continue its leadership in establishing a comprehensive model for embedding Patient and Public Involvement (PPI) in the planning and conduct of cancer trials. Highlights of achievements over the past year include collaborative development and implementation of newlydefined measures for trial initiation, expanded use of clinical trials management systems and a novel framework for defining impact of 3CTN Portfolio trials.

During their six-month review following the renewal, 3CTN's Scientific Advisory Board (SAB) acknowledged the successful implementation of the new strategic plan with the consensus that Network's adapted organizational model is well poised to transition and build on achievements realized from 3CTN's initial four-year plan. Maintaining a priority focus on academic

cancer clinical trials, Portfolio and work undertaken to delineate trials with greater impact were recognized as imperative for sustaining the major advancements seen to date.

Central to 3CTN's continued success will be to place a priority on research opportunities and initiatives that are as inclusive of as many regions and populations as possible. For example, work in the coming years will include efforts to create more equitable access to trial options for all patient populations – those living greater distances from cancer centres as well as to further develop the 3CTN Portfolio to include innovative measures and data to better capture and help address the specific needs of paediatric and adolescent and young adult (AYA) populations. The SAB's report also emphasized the essential need for a robust and diversified funding model that adequately supports core activities and is augmented by performance incentive and project-based funding from both existing sources and new partnerships.

We trust this report captures and conveys the full scope of achievements made possible by the dedicated commitment from 3CTN's members across Canada's cancer research community. We extend sincerest thanks to all who's commitment to advancing trial performance standards, patient involvement and accrual enables a greater number of cancer screening and treatment options being made available through high quality clinical trials. By leveraging achievements and successfully addressing noted priorities, 3CTN contributions can be expected to continue to improve the Canadian cancer clinical trials landscape and yield better outcomes for Canadian cancer patients.

Changing the ACCT Landscape

The Canadian Cancer Clinical Trials Network (3CTN) seeks to ensure that Canada remains a recognized global leader in academic cancer clinical trials (ACCT) through 2018-2022 by building on the successful achievement of our 2014-2018 strategic plan objectives.

Networking Canada's cancer centres and partner institutions helps overcome local and systemic challenges to initiation and efficient multi-centre trial conduct. Central access to up-to-date Portfolio of trials, shared resources and study management tools means site teams are able to focus on trial conduct activities as well as draw on a wealth of research community experience when undertaking continuous improvement, development initiatives or optimizing performance.

3CTN priorities for 2018-2022:

- Continue to improve patient awareness, access and accrual to open trials across all sites;
- Enhance patient and public involvement in trial design, engagement and conduct;
- Improve performance, focusing on trial initiation timelines, recruitment projections and quality initiatives;
- Further optimize the 3CTN ACCT Portfolio by creating additional trial opportunities for cancer centres and demonstrate trials' impact.

While initial 3CTN strategic objectives focused on establishing the foundational framework of the Network, present focus is on improving patient involvement, trial performance and providing tailored support for sites' core competency development to support achievement of accrual targets.

The continued success of the Network depends on maintaining and further developing some key enablers:

- Engaged, transparent governance and management;
- Enhanced collaboration, communications and reporting to stakeholders;
- Efficient, dynamic operating framework and processes that serve an evolving Network and changing trial environment;
- Strategic partnerships to address challenges;
- Diversified funding sources to ensure sustainability.

Across Canada and with 3CTN's leadership support,

trialists, research staff and patients have accomplished measurable improvements in ACCTs. This year, 4172 Canadians have received innovative treatments or interventions through participation on 3CTN Portfolio trials, raising Network-wide recruitment to 74% over pre-3CTN (2011-2013) baseline levels and greatly surpassing the target objective for a 55% increase.



While the majority of 3CTN-affiliated sites met or exceeded their overall recruitment target for the current four-year period, moving forward there will be a focused effort to assist centres that may be facing operating challenges as well as to address regional variations in accrual. Strategies include development of a framework that better supports trial access for a sizeable proportion of Canadian cancer patients for whom physical distance from the nearest cancer centre presents a barrier to participation in a clinical trial.

We can take pride in the substantial progress made towards improved quality and performance of trial activities:

- All Network cancer centres have achieved regulatory compliance for implementing GCP SOPs
- Over half of centres have now adopted a clinical trial management systems (CTMS)
- Close to 80% have registered with the Canadian Tissue Repository Network (CTRNet) outlining practices for biospecimen management

While creating connections between Canada's cancer research organizations is important, it is also widely-recognized as integral to engage and collaborate with cancer patients, advocacy groups and charities. Patient and Public Involvement (PPI) within 3CTN is evolving beyond its governance framework to incorporating the patient voice in guiding research planning and conduct of research at each Network centre. A section of this report is devoted to sharing more detail and progress related to these and other exciting PPI initiatives.

Through increased access to promising new detection and treatment options arising from ACCTs, 3CTN's overarching aim continues to focus on demonstrating return on investment for our funders and ultimately, achieving better outcomes for cancer patients across the country.

"After a year of contributing to 3CTN's work, I have come to appreciate how the Network contributes to the Canadian cancer clinical trial environment. Patient representatives play an important role in clinical trials, and it is crucial to have national leadership which focalises our voice so we can effectively contribute to the overall clinical trial process." - JF. Denault, 3CTN Patient Rep Advisory Committee

3CTN Trial Portfolio: Measuring Impact

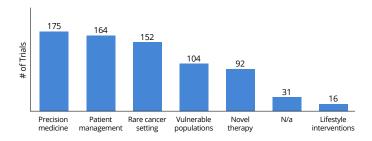
The 3CTN Portfolio is made up of academic cancer clinical trials (ACCTs) that meet a pre-defined criteria for research quality and applicability for the Network. These criteria are transparent and include externally peer-reviewed, multi-centre, academically sponsored, independently funded, interventional oncology trials. To provide a specific and translatable description of Portfolio trial types and measure their impact for stakeholders, a comprehensive framework for cancer trial categorization was adapted from a model by Dilts et al^[1] and developed this year. The framework was assessed and validated with support of the 3CTN Portfolio Committee to ensure categories and definitions were robust, distinct and covered the range of trials.

The categories were then applied to all Portfolio trials and the process was operationalized to classify new trials as they are added to the 3CTN Portfolio. Additionally, completed trials are assessed for outcomes based on published results and stated primary outcomes. This approach now allows 3CTN to enhance Portfolio performance monitoring and outcomes reporting, begin to analyze trends in the ACCT landscape and communicate Network impact, identified research gaps and opportunities to stakeholders. Furthermore, this framework can be combined with other trial metrics and serve as a model to be adapted and applied beyond ACCTs.

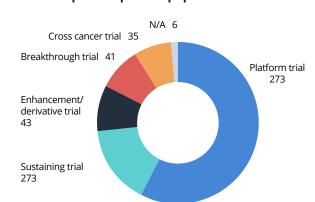
Impact Domain	Impact Category
Trial Areas of Special Interest	Novel Therapy
	Rare Cancer Setting
	Patient Management
	Vulnerable Populations
	Lifestyle Interventions
	Precision Medicine
Potential Impact on Patient Population	Breakthrough Trial
	Platform Trial
	Enhancement/ Derivative Trial
	Sustaining Trial
	Cross Cancer Trial
Innovation	Incremental
	Paradigm Shifting
Study Results	Positive/Negative

Impact Assessment Results for 3CTN Portfolio Trials from 2014-2019 (N=445)

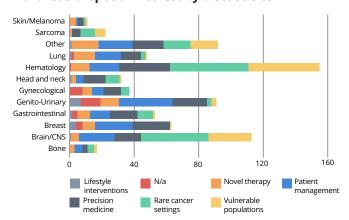
Trial areas of special interest



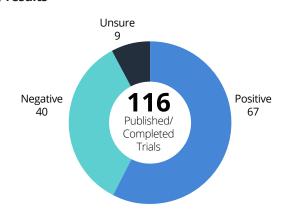
Potential impact on patient population



Trial areas of special interest by disease site



Study results



To learn more about the 3CTN Portfolio and Impact criteria definitions please visit the 3CTN Portfolio Website: https://3ctn.ca/page/portfolio

 $^{^1}$ Dilts DM, Cheng SK. The importance of doing trials right while doing the right trials. Clin Cancer Res. 2012;18(1):3–5. doi:10.1158/1078-0432.CCR-11-2586

3CTN Continues to Expand IT Systems Supports for Trial Management



There is strong demand among cancer centers for a clinical trial management system (CTMS) to manage and track trial activities. 3CTN supports the adoption of EDGE, a cloud-based CTMS, and it has been successfully adopted by the 3CTN Coordinating Centre and 18 cancer centres across the Network.

In 2018, the Coordinating Centre assisted with data migration from multiple servers across Canada to one server, hosted by Q9 located in Brampton, Ontario. This required premigration planning, data standardization and post-migration data review and clean-up to avoid any disruption to 3CTN reporting processes. All EDGE Canada users are now connected, leading to less duplication, more standardization and increased collaboration.

In addition, the Coordinating Centre has continued to support Network implementation, provided Lead Administrator User training to six organizations and delivered eight information sessions to interested sites. This has resulted in three cancer centres successfully implementing EDGE in the past year, including Montreal Children's Hospital. "Before using EDGE, we had many issues in communicating and disseminating vital information with project collaborators and multidisciplinary teams," said Stephanie Badour, Clinical Research Unit Manager of Montreal Children's Hospital. "Now we are able to input and view research data and reports in real time and we have created reports in the system that are meaningful for our site."

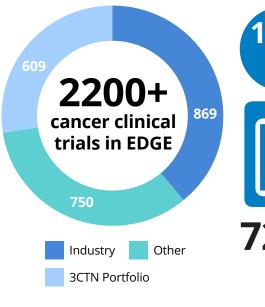
3CTN will continue to promote EDGE adoption as part of its objectives to improve trial efficiency across the Network.

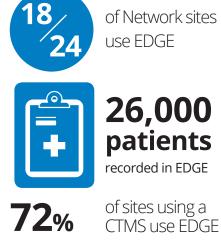
"Since we've added our local activation checklist to EDGE, there is no need to manually transfer data, saving us a lot of time and reducing the chance of transcription errors. We are able to collect a lot more data than we previously did, which allows us to run all kinds of reports looking more closely at each step of our local activation process" - Elizabeth Lylyk, Resource Coordinator, Ethics & Regulatory Affairs, CancerCare Manitoba

CTMS: By the numbers ED

EDGE: By the numbers









3CTN Performance Metrics Year 5

Recruitment to Portfolio Trials

3CTN Objectives

Clared by Clared Clared		Re	cruitment	to Portioi	io mais		3C	IN Objectives)
Substitution March March		Type Pre-3	CTN Baseline Tota	al # Recruited %	of Baseline	% to Target P	Patient Rep Recruited	Ask Me Campaign	CTRNet Registration
Search Service Front MeVC									
Wides Depart Liver From NACC 18									✓
Sentimental Sincers Journal Control Control							√	×	
Genome Personal P									
Semplify inclination Hamilton NACC 23 20 1994 1225 in process x x NAMe Found Control (Magar Media) School NACC 17 73 2994 1225 in process x x NAMe Found Control (Magar Media) School NACC 17 37 2994 1295 in process x x x x x x x x x	Hamilton Health Sciences, Juravinski Cancer Centre	NCC	181	345				✓	✓
Walter Standy Career Centers Magnet Hand Standy Career Centers Magnet Hand Standy Career Centers Magnet Hand Standy Career Center Magnet Hand Magnet Magne	Cambridge Memorial Hospital	NACC		5	45%	29%	✓	✓	✓
Semplement bill Science Centre Semplement Record Healthite MCC 141 561 42% 229%		NACC	21	40	190%	123%	in process	×	x
Harber Development MACC	Walker Family Cancer Centre, Niagara Health System	NACC	17	37	218%	140%	in process	×	✓
Michael Charge Process (Percent Michael Support Charge Certer (Percent Angare Charge Certer) Michael Support Charge Certer (Percent Angare Charge Certer) Michael Support (Percent Certer) Michael Support (Percent Certer) Michael Support (Percent Certer) Michael Support (Percent Verlage) Michael Support	Sunnybrook Health Sciences Centre, Sunnybrook Research Institute	NCC	141	651	462%	298%	✓	✓	✓
Freezen August Connect Centre NECC 356 720 128-M 1794 in process	Humber River Hospital	NACC	1	7a	700%	452%	in process	✓	✓
Marth Size Ringhal MSC	Michael Garron Hospital	NACC	2	2	100%	65%	in process	×	×
Mount Singapal MACC 21 12 57% 57% 67% 67 70 70 70 70 70 70 70	Princess Margaret Cancer Centre	NCC	396	720	182%	117%	in process	×	✓
Septiment Center - Health Scheece North	Markham Stouffville Hospital	NACC	1	2	200%	129%	in process	✓	✓
Next Next General Propriets	Mount Sinai Hospital	NACC	21	12	57%	37%	in process	✓	✓
Regular Inching Regular Inching Cercie	Northeast Cancer Centre - Health Sciences North	NACC	24	18	75%	48%	in process	✓	✓
Southlake Regional Health Corone NACC 10 68 682% 498% V V V	North York General Hospital	NACC	1	9	900%	581%	in process	✓	✓
S. Michael's Visigital	Royal Victoria Regional Health Centre	NACC	8	9	113%	73%	✓	✓	✓
Thrushed Buy Regional Health Science Cette	Southlake Regional Health Centre	NACC	10	68	680%	439%	✓	✓	✓
Trillium Fleath Frames NACC 27 12 44% 29%	St. Michael's Hospital	NACC	19	1	5%	3%	in process	×	✓
William Osker Health System	Thunder Bay Regional Health Sciences Centre	NACC	26	25	96%	62%	✓	✓	✓
The Othera Hospital Cancer Cereire NCC 132 850 644% 415% in process V V Carrier Cereire of Southeastern Orintria at Ringston General Hospital NACC 41 72 176% 113% in process V V V V V V Manifolds NACC 41 72 176% 113% in process V V V V V V Manifolds NACC 22 15 83% 444% V V V V V V V V Manifolds NACC 10 1 100% 65% V V V V V V V V V	Trillium Health Partners	NACC	27	12	44%	29%	✓	×	✓
Carner Centre of Southeastern Ontorio at Ningston General Hospital NACC 41 72 176% 113% in process v v v v v v v Ambratico NACC v v v v v v v v v	William Osler Health System	NACC	1	0	0%	0%	in process	×	✓
Carner Centre of Southeastern Ontorio at Ningston General Hospital NACC 41 72 176% 113% in process v v v v v v v Ambratico NACC v v v v v v v v v			132	850	644%	415%		✓	✓
Labertidge-Health, KSM Durhum Regional Cancer Centre NACC 22 15 68% 44% ✓ ✓ ✓ ✓ ✓ Manifolds NACC 39 98% 99% 44% ✓ ✓ ✓ ✓ ✓ ✓ × × × ×					176%		· · · · · · · · · · · · · · · · · · ·	✓	✓
Manifolds								×	✓
Carrier Care Mantibba NCC 99 98 99% 64% ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓									
Patien Mountain Health		NCC	99	98	99%	64%	√	✓	✓
British Columbia									×
BC Cancer Agency - Vancouser Centre NCC 105 107 101% 65% in process x - Abbotsford Centre NACC 16 22 138% 89% - x - Centre for the North, Prince George NACC 1 9 900% 55% in process x - Sind All Makella Hawkins Centre for the Southern Interior NACC 38 38 100% 65% in process x - Vancouser Island Centre NACC 38 38 100% 65% in process x - Albertal Health Services, Cross Cancer Institute NCC 102 103 101% 65% x x x Alberta Health Services, From Baker Canter Centre NCC 102 103 118% 118% x x x Alberta Health Services, From Baker Canter Centre NCC 3 1 33% 22% in process x x Quebete Custose NACC 3 </td <td></td> <td></td> <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			<u> </u>						
Abbotsford Centre NACC 16 22 138% 89%		NCC	106	107	101%	65%	in process	×	√
Centre for the North, Prince George NACC 1 9 900% 581% ✓ × ✓ Sind Albhawilan Hawkins Centre for the Southern Interior NACC 38 38 100% 65% in process × ✓ Vancouver Island Centre NACC 26 69 265% 171% in process × ✓ Alberta NACC 102 103 101% 65% ✓ × × × Alberta Health Services, Cross Cancer Institute NCC 76 139 183% 118% ✓ × × × Alberta Health Services, Cross Cancer Institute NCC 76 139 183% 118% ✓ × × × Alberta Health Services, Cross Cancer Institute NCC 76 139 183% 118% ✓ × × × Quebec Course NACC 180 99 55% 35% in process ✓ ✓ ✓ ✓ ✓									
Section Sect									
Vancouver Island Centre NACC 26 69 265% 171% in process × ✓ Alberta Health Services, Cross Cancer Institute NCC 102 103 101% 65% ✓ × × Alberta Health Services, Tom Baker Cancer Centre NCC 76 139 183% 118% ✓ × × CHU de Ducker Cubesc V X X X CHU de Québec – Université Laval NACC 3 1 33% 22% in process ✓ × CHU de Québec – Université Laval NACC 180 99 55% 35% in process ✓ ✓ CHU de Québec – Université Laval NACC 46 18 39% 25% ✓ ✓ ✓ CUSSS de l'Estrie - CIUSS-SE-Estrie-CHUS) NACC 153 112 73% 47% in process ✓ ✓ CUSSS du Nord-de-l'id-de-Montréal (CUSSS-PDIM) NACC 3 8 267% 172% in process									
Alberta Health Services, Cross Cancer Institute NCC 102 103 101% 65% ✓ ✓ ✓ ✓ X X Alberta Health Services, Tom Baker Cancer Centre NCC 76 139 183% 118% ✓ ✓ ✓ ✓ X X X X X X							· · · · · · · · · · · · · · · · · · ·		
Alberta Health Services, Cross Cancer Institute NCC 102 103 101% 65% ✓		NACC	20	0.5	20370	17 170	III process		·
Alberta Health Services, Tom Baker Cancer Centre NCC 76 139 183% 118% ✓ ✓ ✓ ✓	1111	NCC	102	102	10196	65%		· ·	
Quebec CUSSS de l'Outaouais NACC 3 1 33% 22% in process ✓ × CHU de Québec - Université Laval NACC 180 99 55% 35% in process ✓ ✓ CIUSSS de l'Estrie - (CIUSSS-Estrie-CHUS) NACC 46 18 39% 25% ✓ ✓ ✓ Centre hospitalier de l'Université de Montréal (CHUM) NACC 153 112 73% 47% in process ✓ ✓ CIUSSS du Nord-de-fîle-de-Montréal (CIUSSS NDIM) NACC 3 8 267% 172% in process ✓ ✓ CIUSSS de l'Est-de-fîle-de-Montréal (CIUSSS NDIM) NACC 60 23 38% 25% in process ✓ ✓ CIUSSS de l'Est-de-fîle-de-Montréal (CIUSSS NDIM) NACC 60 23 38% 25% in process ✓ ✓ Nova Scotia SCOLIA	· · · · · · · · · · · · · · · · · · ·								
CISSS de l'Outaouais NACC 3	-	NCC	70	100	10370	11070	·		
CHU de Québec - Université Laval NACC 180 99 55% 35% in process ✓ ✓		NACC	2	1	2206	2206	in process		
CIUSSS de l'Estrie - (CIUSSS-Estrie-CHUS) NACC 46 18 39% 25% ✓ ✓ ✓ Centre Hospitalier de l'Université de Montréal (CHUM) NACC 153 112 73% 47% in process ✓ ✓ CIUSSS du Nord-de-l'Île-de-Montréal (CIUSSS NDIM) NACC 60 23 38% 25% in process ✓ × CIUSSS de l'Est-de-l'Île-de-Montréal (CIUSSS-EDIM) NACC 60 23 38% 25% in process ✓ × Nova Scotia NACC 39 42 108% 69% ✓ × ✓ Nova Scotia NACC 39 42 108% 69% ✓ × ✓ Newfoundland Statem Regional Health Authority NCC 15 15 100% 65% ✓ × ✓ Pediatrics NACC 18 4 22% 22% ✓ ✓ ✓ Centre Hospitalier universitaire de Sainte-Justine Pediatrics NACC 42 3							· · · · · · · · · · · · · · · · · · ·		
Centre Hospitalier de l'Université de Montréal (CHUM) NACC 153 112 73% 47% in process ✓ CIUSSS du Nord-de-file-de-Montréal (CIUSSS NDIM) NACC 3 8 267% 172% in process ✓ × CIUSSS de l'Est-de-file-de-Montréal (CIUSSS-EDIM) NACC 60 23 38% 25% in process ✓ ✓ Nova Scotia NACC 39 42 108% 69% ✓ × ✓ Newfoundland NACC 15 15 100% 65% ✓ × ✓ Eastern Regional Health Authority NCC 15 15 100% 65% ✓ × ✓ Pediatrics Cancer Care Manitoba - Pediatrics NACC 18 4 22% 22% ✓ ✓ ✓ CHU de Quebec - Pediatrics NACC 17 22 129% 129% in process ✓ ✓ Centre hospitaller universitaire de Sainte-Justine Pediatrics N	·								
CIUSSS du Nord-de-l'Île-de-Montréal(CIUSSS NDIM) NACC 3 8 267% 172% in process CIUSSS du Nord-de-l'Île-de-Montréal(CIUSSS NDIM) NACC 60 23 38% 25% in process V NOVA SCOTIA NOVA SCOTIA Nova Scotia Health Authority NCC 39 42 108% 69% V X V NEWfoundland Eastern Regional Health Authority NCC 15 15 100% 65% V X V Pediatrics CancerCare Manitoba - Pediatrics NACC 18 4 22% 22% V V CHU de Quebec - Pediatrics NACC 17 22 129% 129% 129% 109% 10 process V Centre hospitalier universitaire de Sainte-Justine Pediatrics NACC 42 38 90% 90% 10 process V X Montreal Children's Hospital NACC 42 38 39% 90% 90% 10 process V X Total (N=66) NACC 41 00 0% 0% V X X Total (N=66) 2392 4172 1174% 116% Ped Sites (N=5) 105 72 69%									
ClUSSS de l'Est-de-l'Île-de-Montréal(ClUSSS-EDIM) NACC 60 23 38% 25% in process ✓ ✓ Nova Scotia Nova Scotia Health Authority NCC 39 42 108% 69% ✓ × ✓ Newfoundland Eastern Regional Health Authority NCC 15 15 100% 65% ✓ × ✓ Pediatrics NACC 18 4 22% 22% ✓ ✓ ✓ CHU de Quebec - Pediatrics NACC 17 22 129% 1p process ✓ ✓ Centre hospitalier universitaire de Sainte-Justine Pediatrics NACC 42 38 90% 90% in process ✓ ✓ Montreal Children's Hospital NACC 4 8 33% 33% in process ✓ × Montreal Children's Hospital NACC 4 0 0% ✓ × × Total (N=46) 2392 4172 174% (20) 43% (25)									
Nova Scotia Nova Scotia Health Authority NCC 39 42 108% 69% ✓ × ✓ Newfoundland Eastern Regional Health Authority NCC 15 15 100% 65% ✓ × ✓ Pediatrics CancerCare Manitoba - Pediatrics NACC 18 4 22% 22% ✓ ✓ ✓ ✓ CHU de Quebec - Pediatrics NACC 17 22 129% 129% in process ✓ ✓ ✓ Centre hospitalier universitaire de Sainte-Justine Pediatrics NACC 42 38 90% 90% in process ✓ ✓ ✓ Montreal Children's Hospital NACC 24 8 33% 33% in process ✓ × Janeway Child Health Centre NACC 4 0 0% √ × × Total (N=46) 2392 4172 174% (20) 43% (25) 54% (36) 78% Adult Patient Sites (N=5)	· · · · · · · · · · · · · · · · · · ·								
Nova Scotia Health Authority NCC 39 42 108% 69% ✓ × ✓ Newfoundland Eastern Regional Health Authority NCC 15 15 100% 65% ✓ × ✓ Pediatrics CancerCare Manitoba - Pediatrics NACC 18 4 22% 22% ✓ ✓ ✓ CHU de Quebec - Pediatrics NACC 17 22 129% 129% in process ✓ × Centre hospitalier universitaire de Sainte-Justine Pediatrics NACC 42 38 90% 90% in process ✓ ✓ Montreal Children's Hospital NACC 24 8 33% 33% in process ✓ × Janeway Child Health Centre NACC 4 0 0% 0% ✓ × × Total (N=46) 2392 4172 174% (20) 43% (25) 54% (36) 78% Adult Patient Sites (N=5) 105 72 69% <td></td> <td>NACC</td> <td>60</td> <td>23</td> <td>38%</td> <td>25%</td> <td>in process</td> <td>· ·</td> <td>√</td>		NACC	60	23	38%	25%	in process	· ·	√
Newfoundland Eastern Regional Health Authority NCC 15 15 100% 65% ✓ × ✓ Pediatrics CancerCare Manitoba - Pediatrics NACC 18 4 22% 22% ✓ ✓ ✓ CHU de Quebec - Pediatrics NACC 17 22 129% 129% in process ✓ × Centre hospitalier universitaire de Sainte-Justine Pediatrics NACC 42 38 90% 90% in process ✓ ✓ Montreal Children's Hospital NACC 24 8 33% 33% in process ✓ × janeway Child Health Centre NACC 4 0 0% 0% ✓ × × Total (N=46) 2392 4172 174% (20) 43% (25) 54% (36) 78% Adult Patient Sites (N=5) 105 72 69% 69% 69%		NCC	20	- 42	4000/	500/			
Eastern Regional Health Authority NCC 15 15 100% 65% ✓ × ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	·	NCC	39	42	108%	69%	✓	×	√
Pediatrics CancerCare Manitoba - Pediatrics NACC 18 4 22% 22% ✓ ✓ ✓ CHU de Quebec - Pediatrics NACC 17 22 129% 129% in process ✓ × Centre hospitalier universitaire de Sainte-Justine Pediatrics NACC 42 38 90% 90% in process ✓ ✓ Montreal Children's Hospital NACC 24 8 33% 33% in process ✓ × Janeway Child Health Centre NACC 4 0 0% 0% ✓ × × Total (N=46) 2392 4172 174% (20) 43% (25) 54% (36) 78% Adult Patient Sites (N=41) 2287 4100 179% 116% Ped Sites (N=5) 105 72 69%						454			
CancerCare Manitoba - Pediatrics NACC 18 4 22% 22% ✓ ✓ ✓ CHU de Quebec - Pediatrics NACC 17 22 129% 129% in process ✓ × Centre hospitalier universitaire de Sainte-Justine Pediatrics NACC 42 38 90% 90% in process ✓ ✓ Montreal Children's Hospital NACC 24 8 33% 33% in process ✓ × Janeway Child Health Centre NACC 4 0 0% 0% ✓ × × Total (N=46) 2392 4172 174% (20) 43% (25) 54% (36) 78% Adult Patient Sites (N=41) 2287 4100 179% 116% Ped Sites (N=5) 105 72 69%		NCC	15	15	100%	65%	✓	×	✓
CHU de Quebec - Pediatrics NACC 17 22 129% 129% in process ✓ × Centre hospitalier universitaire de Sainte-Justine Pediatrics NACC 42 38 90% 90% in process ✓ ✓ Montreal Children's Hospital NACC 24 8 33% 33% in process ✓ × Janeway Child Health Centre NACC 4 0 0% 0% ✓ × × Total (N=46) 2392 4172 174% (20) 43% (25) 54% (36) 78% Adult Patient Sites (N=41) 2287 4100 179% 116% Ped Sites (N=5) 105 72 69%									
Centre hospitalier universitaire de Sainte-Justine Pediatrics NACC 42 38 90% 90% in process ✓ Montreal Children's Hospital NACC 24 8 33% 33% in process ✓ × Janeway Child Health Centre NACC 4 0 0% 0% ✓ × × Total (N=46) 2392 4172 174% (20) 43% (25) 54% (36) 78% Adult Patient Sites (N=41) 2287 4100 179% 116% Ped Sites (N=5) 105 72 69%									
Montreal Children's Hospital NACC 24 8 33% 33% in process ✓ × Janeway Child Health Centre NACC 4 0 0% 0% ✓ × × Total (N=46) 2392 4172 174% (20) 43% (25) 54% (36) 78% Adult Patient Sites (N=41) 2287 4100 179% 116% Ped Sites (N=5) 105 72 69%							· · · · · · · · · · · · · · · · · · ·		x
Janeway Child Health Centre NACC 4 0 0% 0% ✓ x x x Total (N=46) 2392 4172 174% (20) 43% (25) 54% (36) 78% Adult Patient Sites (N=41) 2287 4100 179% 116% Ped Sites (N=5) 105 72 69%							in process		✓
Total (N=46) 2392 4172 174% (20) 43% (25) 54% (36) 78% Adult Patient Sites (N=41) 2287 4100 179% 116% Ped Sites (N=5) 105 72 69%								✓	x
Adult Patient Sites (N=41) 2287 4100 179% 116% Ped Sites (N=5) 105 72 69%	Janeway Child Health Centre	NACC	4	0	0%	0%	✓		x
Ped Sites (N=5) 105 72 69%							(20) 43%	(25) 54%	(36) 78%
	Adult Patient Sites (N=41)		2287	4100		116%			
Number of sites achieving Y5 accural target 16			105	72	69%				
	Number of sites achieving Y5 accural target					16			



Network Site Achievements

Newfoundland

- Accrual to Y5 target = 65%
- Recruited 1 Patient Rep
- Set up ongoing maintenance of the Clinical Trials Flowsheets and trial tracking system

Nova Scotia

- Accrual to Y5 target = 69%
- Recruited 1 Patient Rep
- PPI on Portfolio Review Committee
- Evaluation of open trials process

 study performance metrics
 evaluation

Quebec

- Accrual to Y5 target = 38%
- Recruited 1 Patient Rep
- Initiated Pre-screening & Permission to Contact implementation at sites;
- Re-launched Ask Me Campaign at all sites during International Clinical Trials Week in May

Ontario

- Accrual to Y5 target = 156%
- Recruited 11 Patient Reps
- Launched Clinical Trials Navigator Program
- Public outreach events to raise CTs awareness
- Streamlined trial activation processes

Alberta

- Accrual to Y5 Target = 88%
- Recruited 3 Patient Reps and engaged them in activities
- Developed formal process for conducting post-mortem

Manitoba

- Accrual to Y5 target = 64%
- Recruited 1 Patient Rep
- Created process to identify and remediate unforeseen CT budget expenses
- Mentorship for the NACC
- Developed Patient Satisfaction Survey

British Columbia

- Accrual to Y5 Target = 85%
- Recruited 1 Patient Rep
- Streamlined process for referral of trials between centres
- Streamlined QA processes and tools



"...3CTN has been a fantastic breath of fresh air by bringing back enthusiasm to performing trials. It has enabled the REaCT Program to expand our portfolio of pragmatic trials across Canada and offer the opportunity for trial participation to thousands of patients. We have already seen significant trial results that have benefited patients both across Canada and globally." – Mark Clemons, MBBS MSc MD, Professor of Medicine, University of Ottawa

3CTN Achievements

Renewal activities

Network sites

8 Funders

6 Collaborators

Recruitment



Increase in patients recruited above pre-3CTN baseline



223 Portfolio trials supported



4172 Patients recruited

Portfolio Management



Portfolio applications reviewed



79% Application Approval



Median application processing time <24hrs



"I am extremely honoured and fortunate to be a Patient Advisor. This work is rewarding and meaningful. I do not feel that I was diagnosed with cancer in order to experience suffering. I DO feel that I have a cancer diagnosis for the opportunity to use my experience to improve the lives of others. As a Patient Advisor having a voice is truly a blessing" – Diane Huband, 3CTN Patient Representative

Patient and Public Involvement Expansion Progress

Enabling Meaningful Patient Contributions

One key aspect of 3CTN's 2018-2022 Strategic Plan is to reach a standard level of Patient and Public Involvement (PPI) activities at 100 per cent of Network sites by the end of 2022.

Patient Representatives can contribute a crucial perspective to clinical trials by providing feedback, insight, expertise and support towards trial activities and initiatives. Key to increasing PPI across the Network in the last year has been to support individual sites as they begin recruiting Patient Representatives and engaging them in everyday site activities that fit their needs. In an effort to address the challenges of identifying Patient Representatives at the site level and then selecting activities for their meaningful participation, 3CTN, with input from the Patient Representative Advisory Council (PRAC), developed practical and useful Patient Representative Orientation Package toolkit. Consisting of a Patient Representative job description template, a role responsibilities matrix, as well as an orientation checklist the tool is designed to help sites define Patient Representative opportunities during recruitment and co-develop responsibilities during onboarding as well as on an ongoing basis. Each resource can be tailored to reflect both the clinical trial team's priorities as well as the patient partner's capacity, skillsets and interests.

For the purpose of sharing PPI best practices, accessing learning and development opportunities, and addressing any challenges in implementing PPI locally, the Coordinating Centre, together with the PRAC, undertook a further step to establish the Patient Representative Community of Practice (PRCoP), made up of all local Patient Representatives within 3CTN. Quarterly meetings have been organized to connect members and bolster engagement and communication, helping Patient Representatives benefit from the support, experience and mentorship offered both by peers and other PRAC members in attendance. The PRCoP is growing rapidly, with 21 members from across Canada currently on board and many other centers recruiting.

"Being a Patient Representative for 3CTN has been a very rewarding experience. Not only do I get to collaborate and work with great staff but I also get to be part of a Volunteer Network where everyone shares the same values and passion for giving back" - **Don Wood, 3CTN Patient Representative**

Many Patient Representatives assisted their sites in events that were organized during the week of International Clinical Trials Day in May 2019.



"My hope is that patients are better educated and better advised to the clinical trial treatments that offer them best chance of defeating the disease. I'm proud to work alongside all members of the Network, and the PRAC to help brighten the future for those that reach out for all the support they can get. With the countless people at the cancer centers across Canada working so hard on behalf of the patients, we see victories every day, victories that were thought of as impossible a few short years ago" - Fred Clark, Chair of the PRAC



2nd row L to R: Scott Gammer, Fred Clarke, Suzana Kovacevic 1st row: Erwin Wanderer, Judy Needham, Gretta Hutton, Louise Gagne

Revenue and Expenses for Fiscal Year 2018-2019

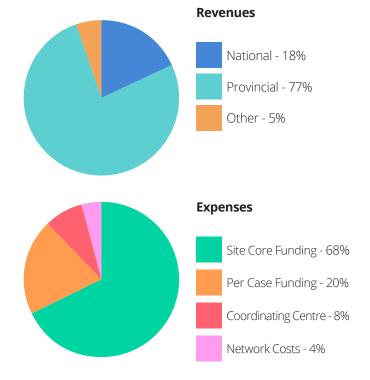
Period ending March 31, 2019 Amount in CDN \$

Revenue	
National	1,000,000.00
Provincial	4,197,133.00
Other	291,500.00
Total	5,488,633.00

Expenses	
Site Core Funding	4,158,155.45
Per Case Funding*	1,238,170.00
Coordinating Centre	492,248.45
Network Costs	224,882.21
Total	6,113,456.11

NET: Revenue Less Expenses	(624,823.11)
NET: Revenue Less Expenses	(624,823.11)

Note: *PCF amount reflects funds distributed for Y4 (17-18) and accounted for in Y5-Q1 (18-19)



Funding Partners

















Collaborators











Scientific Advisory Board

Peter Selby, MD, DSc. (Chair)

Professor of Cancer Medicine, University of Leeds, President of the Association of Cancer Physicians

Gavin Stuart, MD

Dean, Faculty of Medicine and Vice Provost Health University of British Columbia

Martin Schechter, MD

Professor, Faculty of Medicine University of British Columbia Patrick Sullivan

Patient Representative

Stephen Sundquist

Executive Director, 3CTN

Janet Dancey, MD

Scientific Director, 3CTN

Funders Oversight Committee

Craig Earle, MD (Chair)

Vice President, Cancer Control Canadian Partnership Against Cancer

Ian Tannock, MD

Emeritus Professor of Medical Oncology Princess Margaret Cancer Centre

Theresa Radwell

Vice President- Program Investment Alberta Cancer Foundation

Gerald Batist, MD

Scientific Director,

Q-Clinical Research Organization in Cancer (Q-CROC)

Bernie Eigl, MD

Provincial Director, Systemic Therapy Clinical Trials, BC Cancer Agency

Lynette Hillier

Executive Director
Eastern Regional Health Authority

Antonia Palmer

Patient Representative

Farah McCrate, PhD

Director, Research & Innovation Eastern Regional Health Authority Kathryn Dyck

Manager, Clinical Trials Unit CancerCare Manitoba

Teresa Petrocelli, PhD

Director, Clinical Translation
Ontario Institute for Cancer Research

Stephen Sundquist

Executive Director, 3CTN

Janet Dancey, MD

Scientific Director, 3CTN

Management and Executive (*) Committee

Ian Tannock (Chair)*, MD

Emeritus Professor of Medical Oncology Princess Margaret Cancer Centre

Janet Dancey*, MD

Scientific Director,

3CTN

Bernie Eigl*, MD

Provincial Director, Systemic Therapy Clinical Trials, BC Cancer Agency

Annette Cyr*

Lay Representative and Chair, Melanoma Network of Canada

Gerald Batist*, MD

Scientific Director,

Q-Clinical Research Organization in Cancer (Q-CROC)

Tracie Hanna

Manager, Cancer Clinical Research Team, Kingston Health Sciences Centre

Joseph Pater, M.Sc., MD

Emeritus Professor, Queen's University

Leonard Minuk, MD

Medical Oncology and Hematology CancerCare Manitoba

Jim Pankovich

Vice President, Clinical Operations & Drug Development Qu Biologics

Daniel Rayson, MD

Professor of Medicine, Medical Oncology, Dalhousie University Glenn Bauman, MD

Radiation Oncology London Regional Cancer Program

Patricia Tang, MD

Clinical Assistant Professor, Departments of Oncology Tom Baker Cancer Centre

Stephen Sundquist*

Executive Director, 3CTN

Lam Pho

Director, Information Technology, 3CTN

Coordinating Centre

Janet Dancey, MD

Scientific Director

Stephen Sundquist

Executive Director

Lam Pho

Director, Information Technology

Diana Kato

Manager, Operations

Suzana Kovacevic

Manager, Projects

Saher Lalani

Project Financial Analyst

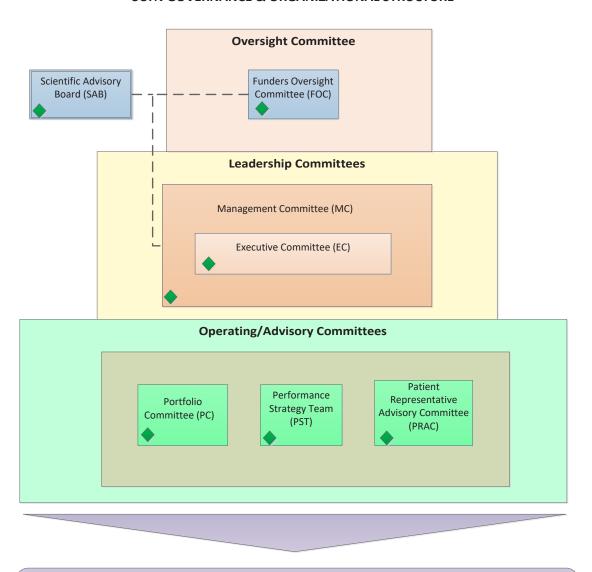
Rebecca Xu

Manager, Portfolio and Informatics

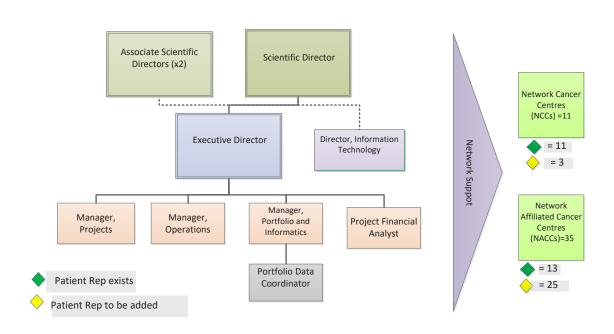
James Schoales

Portfolio Data Coordinator

3CTN GOVERNANCE & ORGANIZATIONAL STRUCTURE



Coordinating Centre Organizational Chart





MaRS Centre 661 University Ave, Suite 510 Toronto, Ontario, Canada M5G 0A3

1-866-678-642

y @3ctnnews info@3ctn.ca

www.3ctn.ca