CorHealth Cardiovascular Rehabilitation Stakeholder Forum #1

APRIL 26, 2022 | 3:00-4:00 PM



Agenda

Time	Description	Purpose	Presenter
3:00 pm	WelcomeLand AcknowledgementMeeting Objectives	Information	Dr. Karen Harkness
3:05 pm	 Provincial CR Measurement & Reporting Initiative Updated CR Measurement Results Proposed Refinement of the CR Dataset 	Information and Discussion	Dr. Karen Harkness Dr. Paul Oh
3:30 pm	Guest Presentation	Information	Dr. Ashlay Huitema
3:40 pm	Open Forum Discussion Pulse check: What is the current experience of delivery CR in Ontario?	Discussion	Dr. Paul Oh
3:55 pm	Next Steps	Information	Dr. Karen Harkness



We are recording this Forum and will make the recording available on the CorHealth website

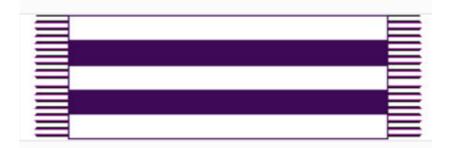


Land Acknowledgement

In this time of reconciliation, we remember the oldest recorded agreement between Indigenous peoples and new settlers from Europe, known as the Two Row Wampum. It covers the land we recognize as Niagara today.

We acknowledge that because of these early agreements, and later more formal treaties, we are able to live in the Niagara region and enjoy the beauty of this area and the bounty that this land provides.

Two Row Wampum (Kaswehntha)





In 1613, the Dutch and the Haudenosaunee created an agreement known as the Two Row Wampum. The Two Row Wampum has two purple rows surrounded by three white rows.

One purple row represents the ship of the Dutch. The other purple row is the Haudenosaunee canoe. Each row is travelling down the river of life side by side. Neither is trying to steer the other's boat.

The three white rows represent the three principles of the treaty: peace, respect, and friendship between the two people in an agreement that will last forever

Meeting Objectives

- To review updated CR data collection results from 6 months of data
- To continue the dialogue and activity supporting a progressive approach to measure, monitor, and report on the status of outpatient Cardiovascular Rehabilitation in Ontario
- To validate feasibility and program value-add for proposed data subgroups
- To share experiences and facilitate dialogue on the current activities and models of delivery for cardiovascular rehabilitation (including virtual, in-person and hybrid)



Provincial Cardiovascular Rehabilitation Measurement and Reporting Initiative: Updated Results

Dr. Karen Harkness & Dr. Paul Oh

Recall: Project Goals and Objectives

1. An initial goal of this work will be to gain a better understanding of the impact of COVID-19 on the delivery of Cardiovascular Rehabilitation (CR) services for Ontario patients with cardiac conditions (Phase 1)

Phase 1 Objectives:

- Consistently collect a small amount of aggregate data from a clearly defined group of CR providers across Ontario & regularly report data back to stakeholders
- Test the readiness of the CR System to provide consistent, reliable data / better understand the availability and accessibility of data at CR provider sites
- 2. A potential long-term goal of this work will be to have consistent/ reliable CR data collection in Ontario to support broader system planning, monitoring and performance measurement for cardiac and vascular patients (Phase 2)
 - > Ability to pursue / achieve this goal will be dependent on success of the initial objectives stated above

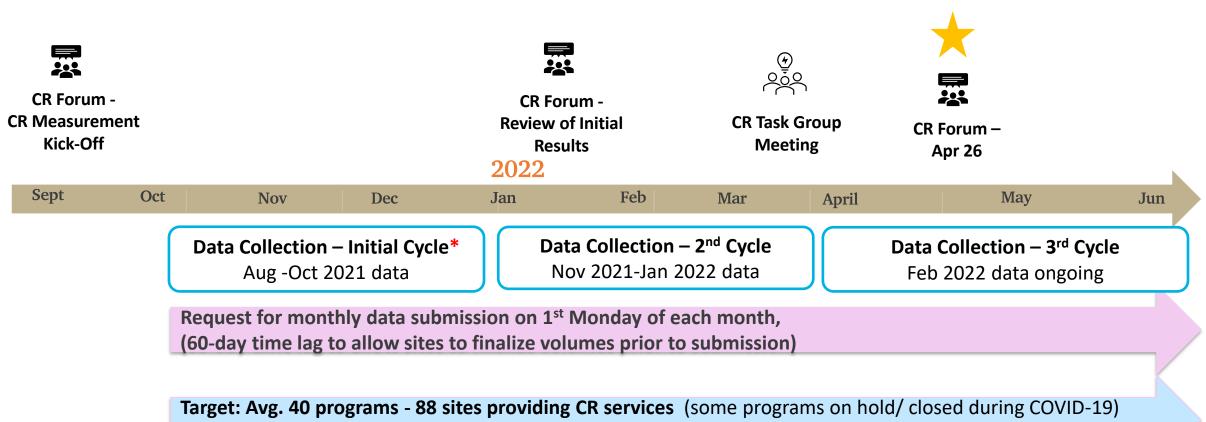


Recall: Phase 1 Key Metrics

Data Point	Key Metric
1. Cardiovascular Rehabilitation Program Demand	Number of referrals for patients eligible for the CR program after initial screening
2. Cardiovascular Rehabilitation Program Supply	Number of patients who received their first meaningful clinical encounter with the CR program



Update: Project Timeline



Response rate consistently > 90% for monthly data submissions from programs providing CR services

* Goals of the initial cycle were to establish communication channels for data collection, ensure definitions are clear, determine willingness and feasibility for data collection



TODAY

List of CR programs that are inactive during COVID

Please type in the chat box or email us if you any updates to this list

- 1. North Hastings Cardiac Rehabilitation (Bancroft) plans to open April 2022
- 2. YMCA of Hamilton-Burlington-Brantford (rely on referrals from HHS)
- 3. Cornwall Hospital Cardiopulmonary Rehab Program (hold-staff deployed)
- 4. Hanover and District Hospital Hearts in Motion plans to re-open April 2022
- 5. Minto-Maple Family Health Team
- 6. Stevenson Memorial CV Prevention Program
- 7. Cardiac Health and Rehab (Hamilton Health Sciences)- on hold
- 8. Heart Care Canada Oshawa Solo Program

No plans to reopen

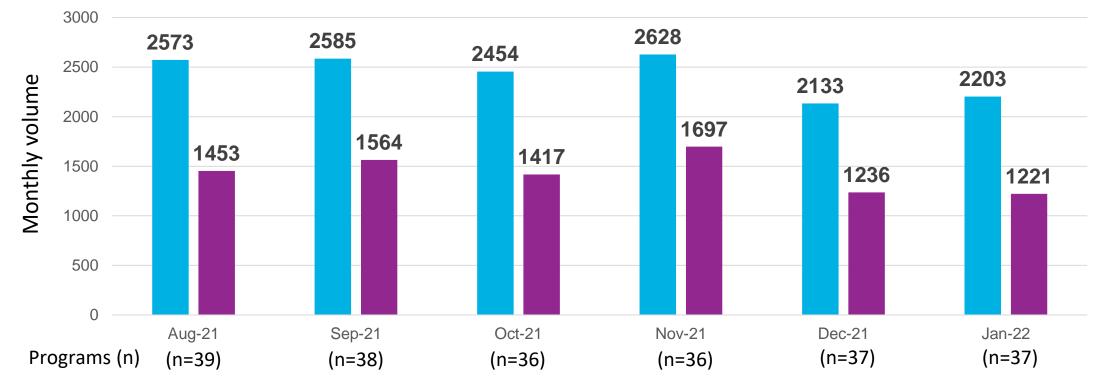
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- 1. Toronto Heart Centre Unity Health Toronto
- 2. Headwaters Healthcare Centre Cardiac Wellness (Orangeville)
- 3. Kemptville District Hospital
- 4. Markham Stouffville Lifestyle Education Exercise Program
- 5. Peterborough Regional Health Centre- closing April 2022

Updated Results: Overall Provincial Totals

Overall Provincial Totals

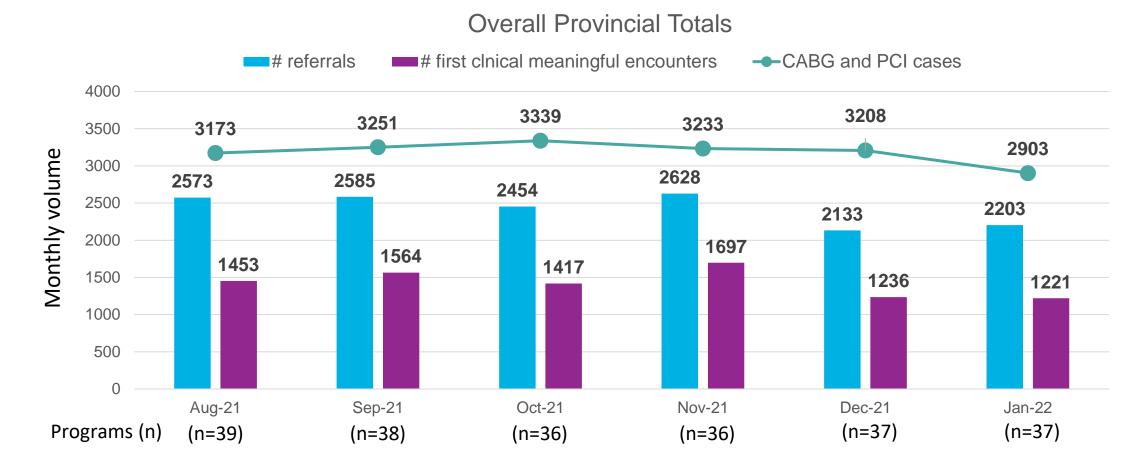




Total referrals: n= 14,535 Total first clinical meaningful encounter: n= 8,558 Ratio: total first meaningful clinical encounter/total referrals = 59%

Note: Please see Appendix for Regional Volumes

Updated Results: Overall Provincial Totals



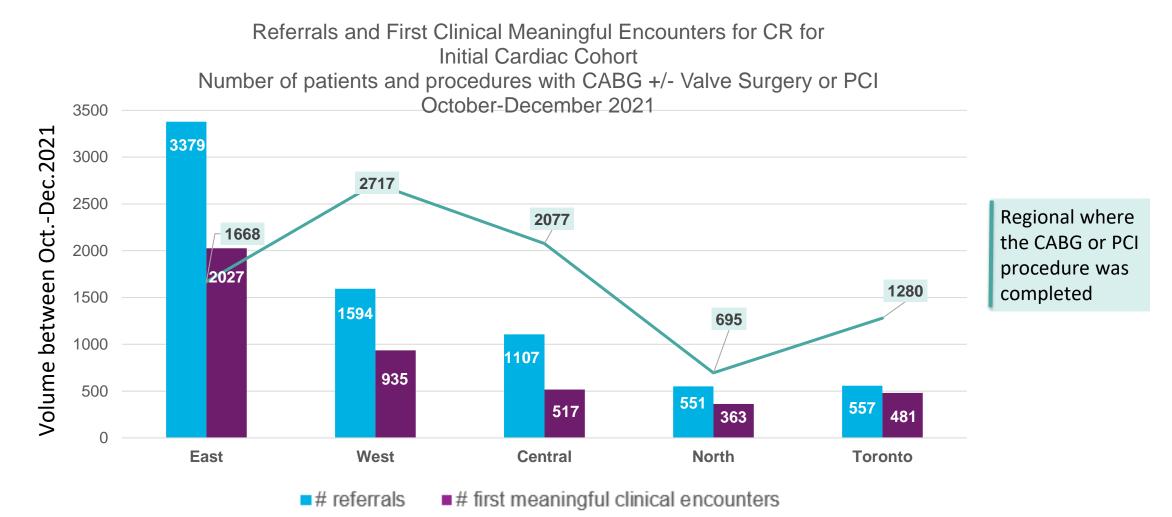
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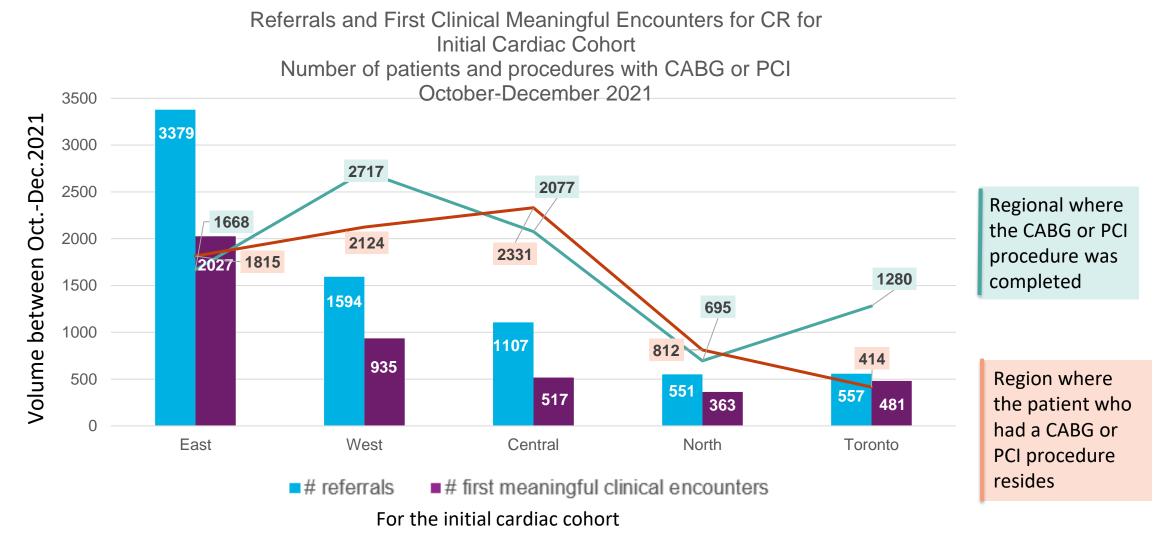
Regional Volumes- FY 2021/22- Q3



For the initial cardiac cohort



Regional Volumes- FY 2021/22- Q3





Note- patients undergoing CABG include cases with isolated CABG or CABG +same sitting valve surgery

Proposed Refinement of the CR Dataset

Dr. Karen Harkness & Dr. Paul Oh

Purpose of Proposed Refinement of the CR Dataset

Continue to mature and refine the current data set to:

- Identify of regional variation and begin to explore drivers of variation in referral and uptake of CR, including barriers, enablers and opportunities to increase CR participation in Ontario
- Enable meaningful data-driven local and regional conversations about access and uptake of CR
- Support broader system planning, monitoring and performance measurement for cardiovascular rehabilitation





At Jan 19th CR Forum, we invited participants to share which additional data subgroups might be meaningful to collect in future

Considerations for Refining the Dataset

(Mentioned at Jan 2022 Forum)

Potential Data Element	Value Add	Considerations
1) Completion rate	 Patient outcomes correlate with enrolment and completion of program National quality indicator (QI) 	 Standardized definition for 'full set' to ensure valid and reliable provincial measurement will be challenging at this stage
2) Qualitative analysis of reasons for declining CR	 Determine if regional variation in declining CR exist and inform opportunities for improvement 	 Not in position to collect qualitative data Check list- definition required for each option Homogenous patient population needed to improve interpretation of findings
3) Wait times (collaboration w CACPR Reg sites)	 Wait time important as part of timely access National QI 	 HOLD for future Not all programs are able to provide this level of information
4) Breakdown referral data point #1 into MI	 Subgroup within cardiac population-allow for identification of eligible population National QI 	 Limitation in identifying population in timely manner as relies on admin data- CorHealth only captures MI associated with procedure in registry
5) Displaying the volumes of procedures for calibration	 Provides additional meaning to interpret findings by understanding demand from local population 	 Will need a subgroup included in registry for timely data
6) Male/Female	Determine if rates different between male and female patients for data points	 Is this meaningful within a cohort with aggregate of cardiac conditions?

Task Group Discussion

• No changes to the 2 initial data points

Refinement: Explore cardiac subgroup(s) within initial cohort where a clear denominator can be captured from the Cardiac registry and programs can easily identify this subgroup for values that will represent the numerator

Rationale: Provides additional meaning to interpret findings by understanding local supply *and demand*

Outcome of discussion: Within the initial cohort of patients referred following a cardiac event, identify the following 2 cardiac subgroups:

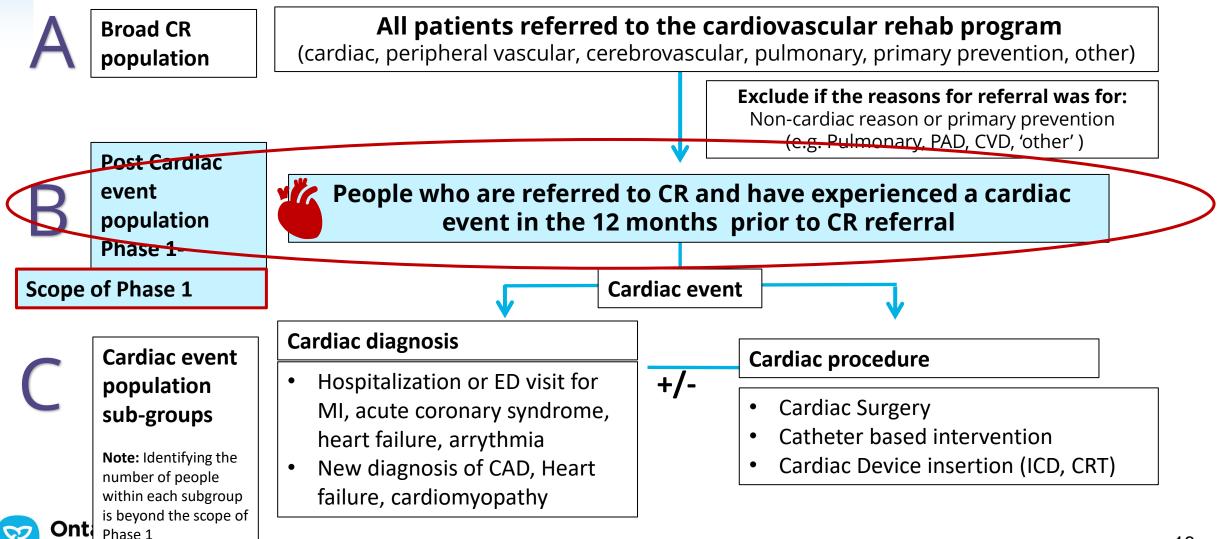
- Post CABG +/- Valve surgery: easily identified
- Post PCI: represents a large proportion of patients referred to a CR program

Note- both cardiac sub-group populations are captured in the cardiac registry

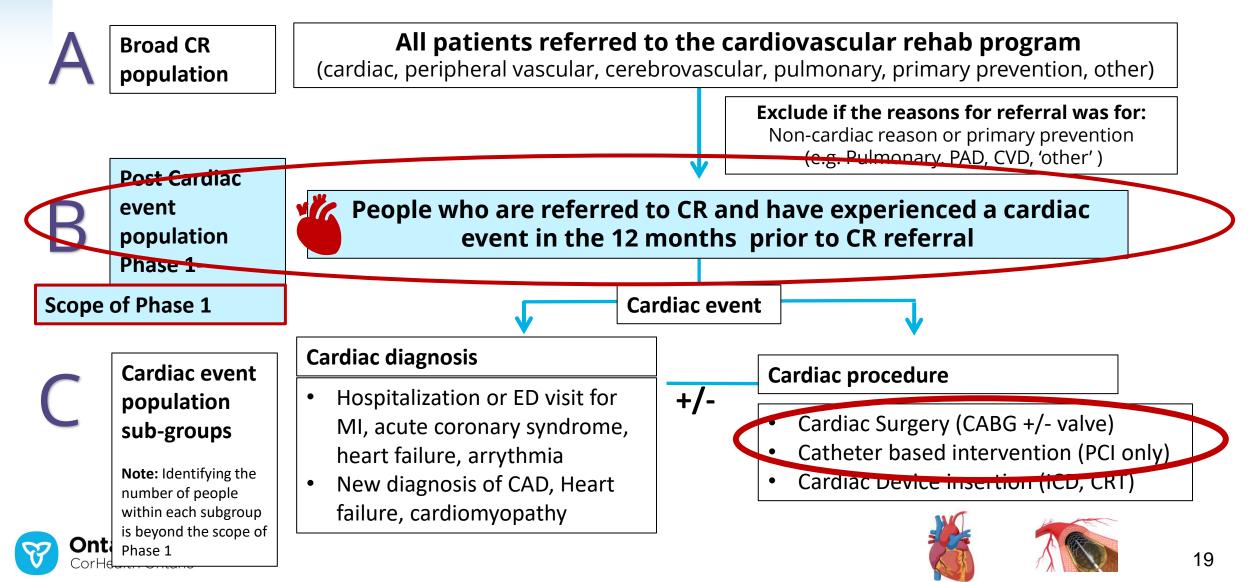


Note- we are not anticipating any additional refinement for the next fiscal year

Phase 1. "Initial Cohort" People referred to CR following a cardiac event

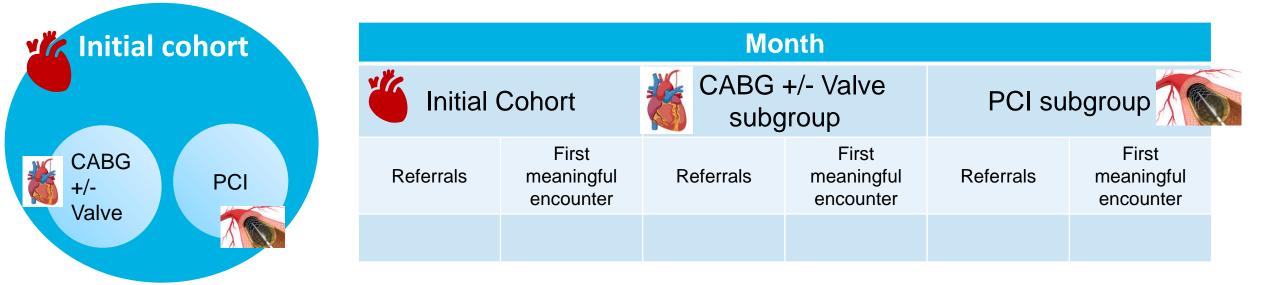


Phase 1. "Initial Cohort": People referred to CR following a cardiac event Identify subgroup within the initial cohort: People referred to CR following CABG +/- valve surgery or following PCI procedure



Discussion: Proposed Refinement

The following data points for the initial cohort and 2 subgroups will be collected monthly for CR Program volumes generated for FY 2022/23





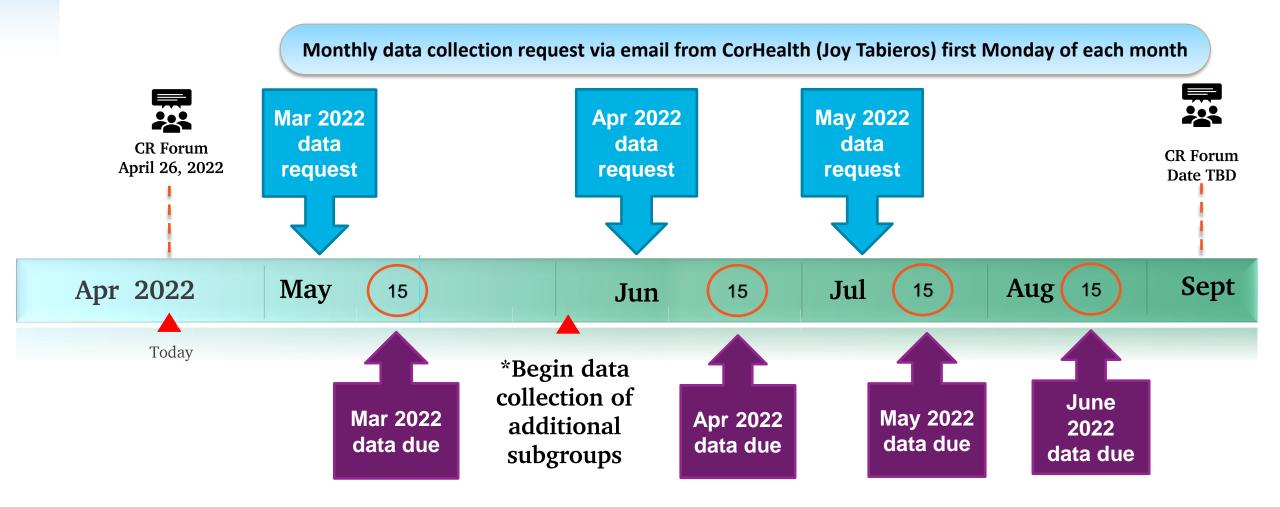
Next Steps: CR Data Collection

- Continue **regular monthly data collection** for 2 key metrics and initial cardiac cohort:
 - The contact person from each program submitting data will receive an email from Joy Tabieros with their program-specific data collection form on the <u>first Monday of each month</u>
- Assuming support from CR Forum, begin data collection for two additional subgroups, starting June 2022
 - Data collection template for programs will be updated
- Present updated results at the next CR Forum (September; date TBD)



Data Collection: Next Steps Timeline

*Assuming support for proposed data subgroup collection by CR Forum





Monthly data submission to CorHealth (Joy Tabieros) by email due 15th of each month

Guest Presentation

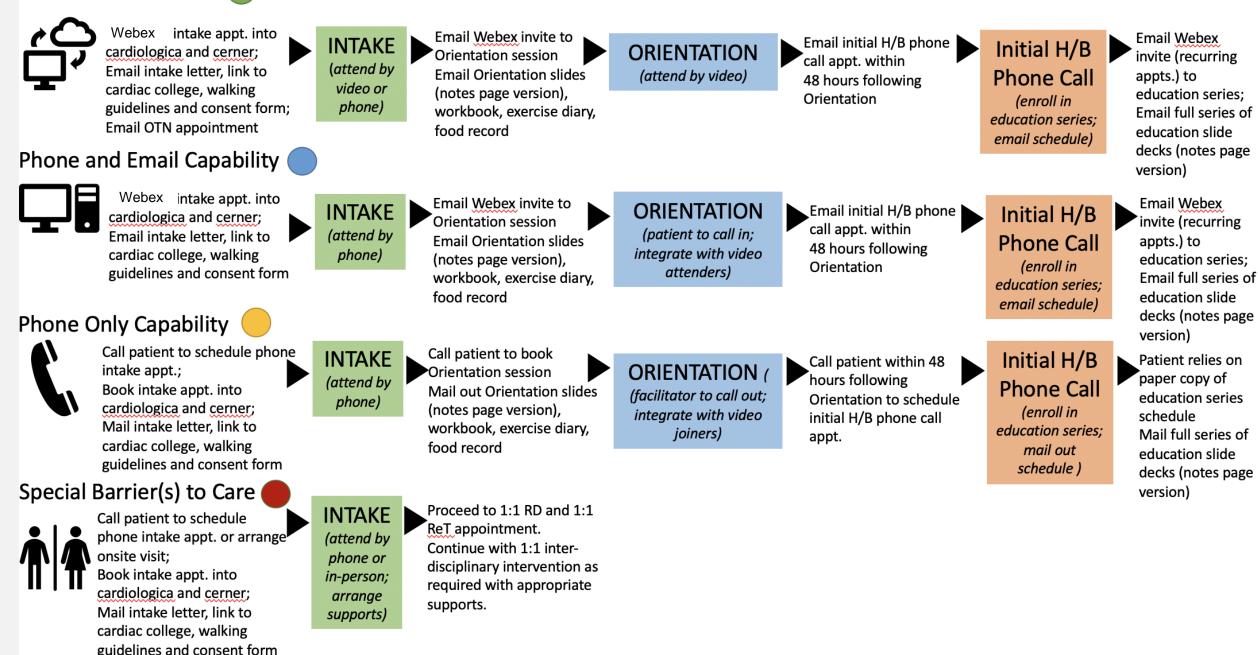
Dr. Ashlay Huitema MD, FRCPC Division of Cardiology Co-Program Director Adult Cardiology and Assistant Professor Western University Cardiac Rehabilitation and Secondary Prevention Program St. Joseph's Health Care London

SJHC CRSP & COVID-19

again & again & again!

SJHC VIRTUAL CRSP

Full Virtual Capability



SJHC CR – <u>Virtual</u> CR 2020



LHSC - Cardiac Care Program (cardiology and cardiac surgery) - electronic referral to CRSP program.



Webex appointment: patient group with facilitation by inter-disciplinary team members (RN/NP; RD; Rehab trainer).



12-week group education series (Webex sessions): facilitated by inter-disciplinary team members 1:1 risk factor modification/behaviour change interventions (phone calls, email): emphasis on medications, exercise, nutrition and mental health.



OTN appointment: patient/RN or NP/MD Components: demographics; personal information form; patient concerns; medical/family Hx; substance use/smoking status; intro to program; hospital bloodwork; BPMH; PHQ-4; triage to I:1 mental health and RD services; exercise and physical activity habits; walking guidelines; cardiac college website; plan of care; adjust meds; goal-setting.

Connecting 5





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Connecting

1:1 phone call: patient/rehab trainer Enroll patient in education series; initiate self-reported PA and exercise data collection (exercise diary/app); set exercise coaching call schedule (biweekly, 3 months; monthly, final 3 months); address any safety issues/concerns.



INTAKE CPET



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> Clinical team: MD, NP, RN Rehab trainer Dietitian Social worker Psychologist CRSP Programming

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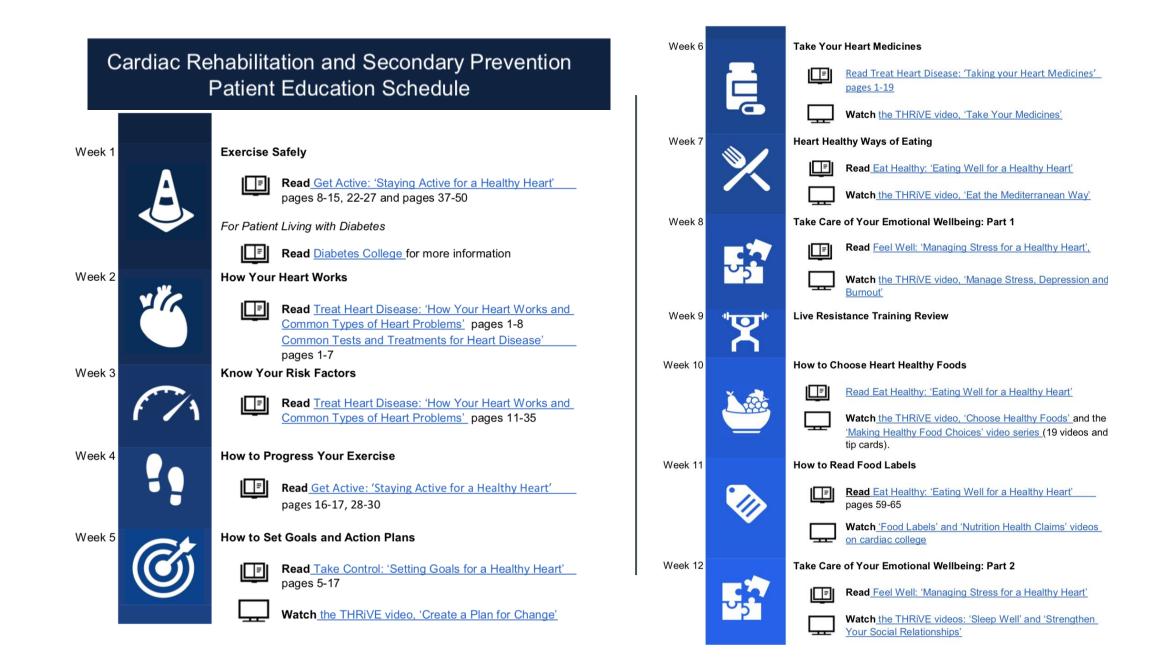
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Connecting



EXIT assessment





LHSC - Cardiac Care Program (cardiology and cardiac surgery) - electronic referral to CRSP program.



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Medical Intake

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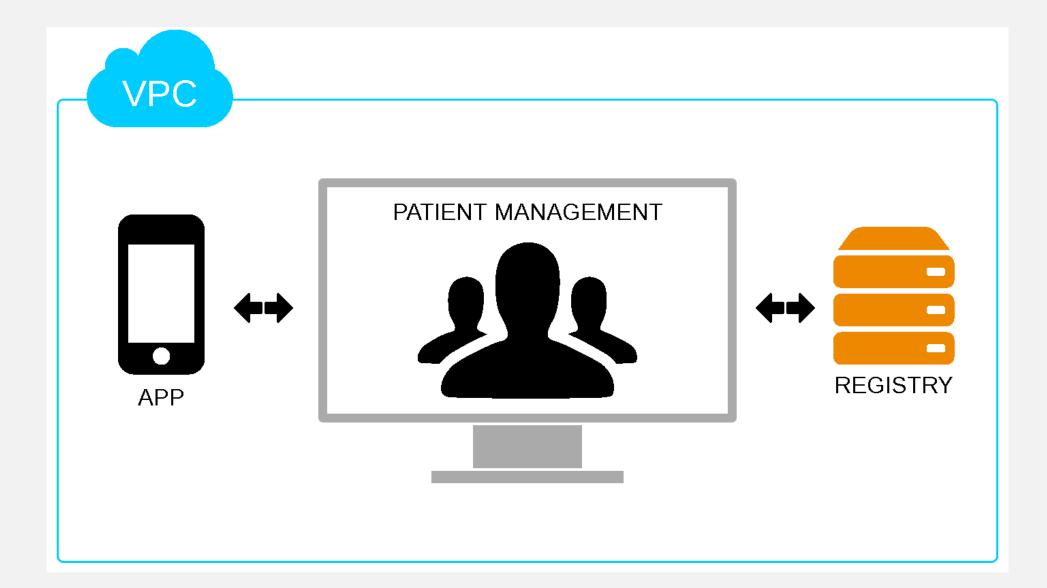




CARDIOLOGICA PATIENT APP

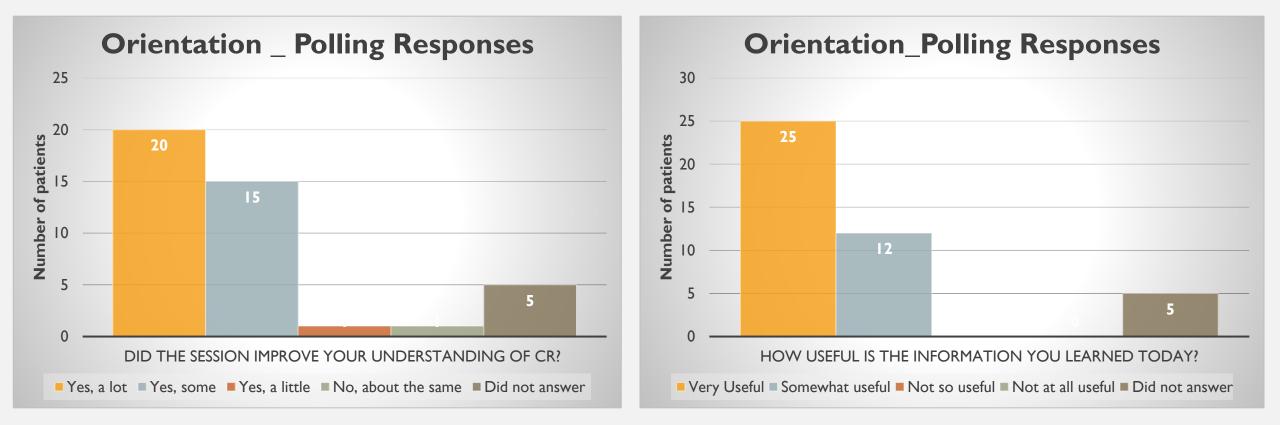
		PHQ-9 28-May-2020
	24-May-2020 • 30-May-2020	OVER THE PAST 2 WEEKS how often have you been bothered by:
	86%	1 little interest or pleasure in doing things
Exercise Health Log		Not at allSeveral days
Questionnaires Messages	total for week: 129 minutes weekly target: 150 minutes	More than half the daysNearly every day
	(40)	2 feeling down, depressed or hopeless
Appointments Targets		Not at allSeveral days
		More than half the days
	Su Mo Tu We Th Fr Sa	Nearly every day3 trouble falling asleep, staying
		asleep, or sleeping too much

CARDIOLOGICA VIRTUAL REGISTRY SUITE



CR QI & MEASUREMENT

SJHC CRSP



Traffic Signals to Manage the Transition to Virtual Cardiac Rehabilitation

Contact Information:

Unsworth, K, Cardiac Rehabilitation & Secondary Prevention Program, St. Joseph's Health Care London

Unsworth K, Prior P., Hartley, T., Frisbee, S., Grattan, K., Graat, M., Hocking, S., McKelvie, R., Huitema, A. and Suskin, N.<u>karen.unsworth@sihc.london.on.ca</u> Cardiac Rehabilitation and Secondary Prevention Program, St. Joseph's Health Care, London, Ontario

RATIONALE

Following the onset of the COVID-19 pandemic, our cardiac rehabilitation (CR) program suspended patient care on 16-Mar/20, for rapid development of fully virtual service. We adapted a 12-week virtual CR interactive educational series (vCRED), developed at the University Health Network CR Program, Toronto. Notably, decision tools to determine patients' suitability for vCRED were unavailable. We created a simple triage tool to categorise patients as fully (green), partially (yellow) or not (red) vCRED-able. Traffic-signal categorisation (TrafCat) was conducted by administrative staff during an intakescheduling call with patients, based on their access to, and stated readiness to use technology compatible with audio-video conferencing.

OBJECTIVES

To evaluate: 1) TrafCat feasibility for vCRED suitability by assessing attendance at the 1st vCRED, vOrientation; 2) patient characteristics by TrafCat.

METHODS

Using *cardiologica*, our web-based clinical management system, we categorised patients into technologically-enabled (green), technologically-restricted (yellow) or having additional barriers, e.g. language (red). We began virtual programming in June/20, using online Webex-based group orientation education sessions, enrolling only green-coded patients; holding yellow-coded patients in abeyance pending Webex technology enhancements, including a "call-out" feature permitting audio-only participation, deployed in Nov-20. Red-coded patients were not enrolled in virtual programming; offered individualised home-based programming via telephone; and excluded from analysis. Means (standard deviations, SD), parametric statistics, proportions, and non-parametric statistics were used (significance: 2-sided *p*<0.05)

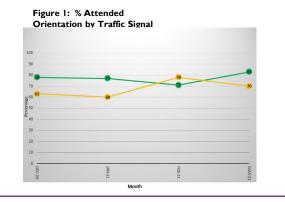
RESULTS

From Aug-Dec/20, 402 patients were referred to CR; 256 (63.7%) completed intake. Following Intake, virtual Orientation attendance (n, % of scheduled) by TrafCat (green; yellow respectively) was: Dec (14, 78%), (25, 63%); Jan (43, 77%), (30, 60%), Feb (32, 71%), (29, 78%); March 1-18 (35, 83%), (14, 70%). Attendance proportions did not differ significantly by colour code (p>0.05), (Figure 1).

The overall sample had more men (70%) than women (30%), but sex proportions did not differ significantly between green vs. yellow TrafCat (p=0.25). Green-coded (62.5 y, SD=12.1) were significantly younger than yellow-coded (70 y SD=10) patients (p<0.001).



All new CR patients were categorised by technology readiness. Majorities of green- and yellow-coded patients attended orientation providing evidence that TrafCat process was reasonable. Proportions of green- vs. yellow-coded patients attending did not differ significantly in any month. Simple decision tools such as TrafCat can triage patients to vCRED and be widely deployed. Analyses of complete vCRED attendance, and CR outcomes, by TrafCat is ongoing.



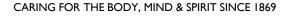
DISCLOSURES

I have <u>not had</u> an affiliation (financial or otherwise) with a commercial organization that may have a direct or indirect connection to the content of my presentation.

Does your presentation describe the off-label use of a device, product, or drug that is approved for another purpose?

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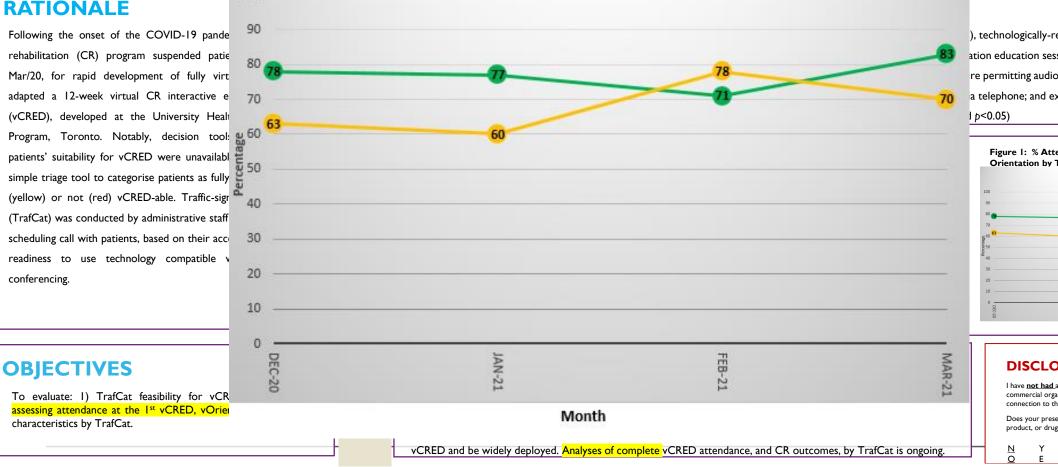






Traffic Signals to Manage the Transition to





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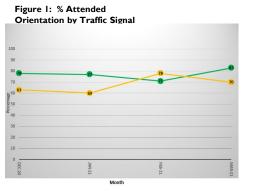




Contact Information:

Unsworth, K. Cardiac Rehabilitation & Secondary Prevention Program, St. Joseph's Health Care London N.karen.unsworth@sjhc.london.on.ca

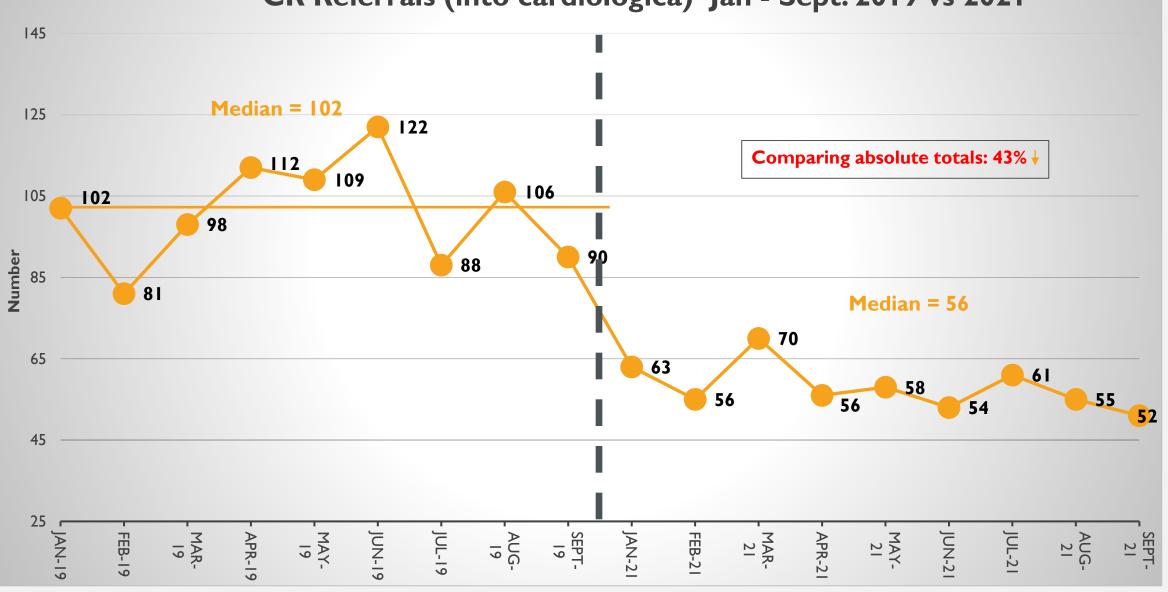
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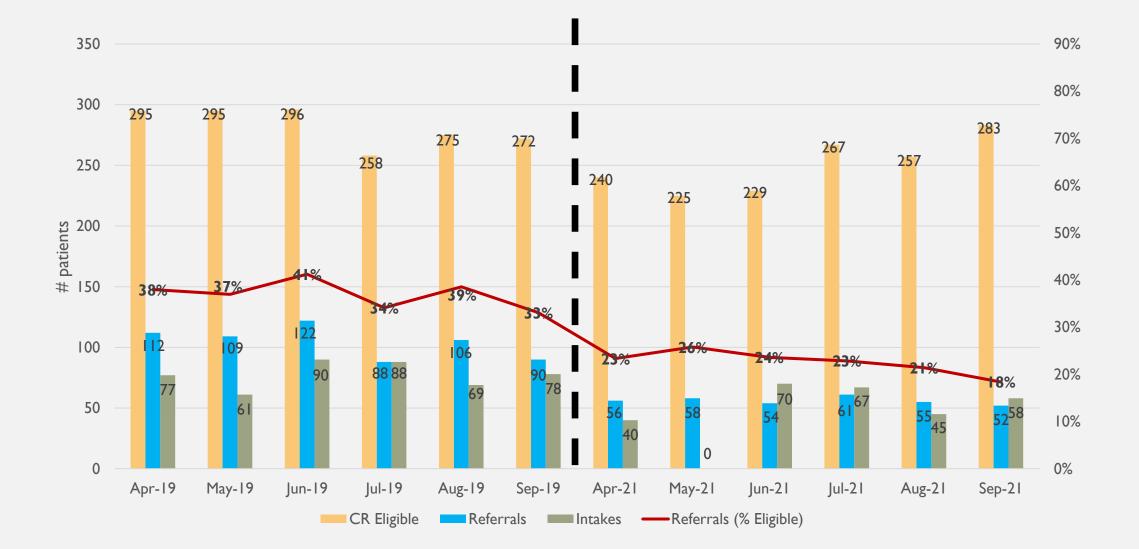
Does your presentation describe the off-label use of a device, product, or drug that is approved for another purpose?



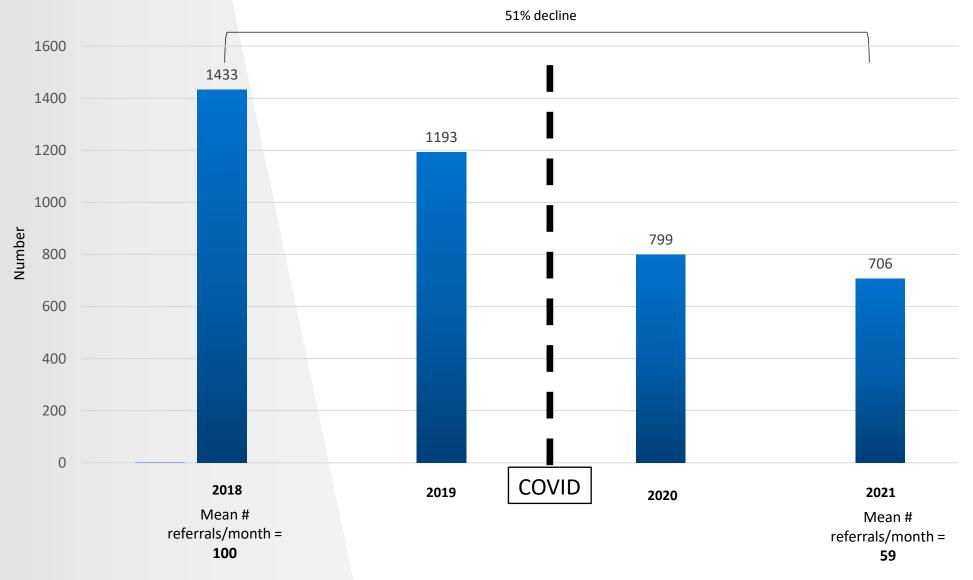
CR Referrals (into cardiologica) Jan - Sept: 2019 vs 2021

Month

"DENOMINATOR" ... CR ELIGIBLE & REFERRALS & INTAKE



CRSP REFERRAL





Did patient sex influence wait-times for CR during the pandemic? - the CACPR Registry Experience from Ontario -

Suskin, N. Cardiac Rehabilitation & Secondary Prevention Program, St. Joseph's Health Care London neville.suskin@lhsc.on.ca

Contact Information:

Suskin, N. Oh, P. Petro, J. Voth, J. Huitema, A. McKelvie, R. Hartley, T. Matthews, J. Pierce, A. Ricci, J. Chipperfield, D.

CACPR Registry ready Sites

RATIONALE

Longer wait-times from CR referral to intake are associated with poorer CR outcomes, and female patients have traditionally been under-represented in CR programs.

The impact of the pandemic on wait-times , whether waittimes met the national 30-day quality-indicator, and whether wait-times differed by patient sex, are unknown.

CACPR Registry-ready sites are participating in an Ontariowide CR measurement initiative which is collecting aggregate data to assess CR activity. Here we examine the impact of sex in regard to wait-times from CR referral to CR intake prior to and during the pandemic in 3 large (> 500 new patients annually) CR programs in different regions of Ontario, designated as A, B, and C.

OBJECTIVES

To evaluate whether CR Referral to Intake wait-times during the Pandemic:

- 1. Increased overall or met the 30-day quality indicator
- 2. Differed between the sexes

METHODS

- · CR referral = formal written or electronic request for CR service
- Patients = Post MI, PCI, CABG, valve surgery or stabilized HF
- CR intake = 1st meaningful clinical encounter between the patient and clinical CR professional
- Sites submitted monthly CR referral and intake data
- To control for potential seasonal variation, we report here the comparison of wait-times for the 6-month period starting March 2020 (Pan) vs. the 6-month period starting March 2019 (PrePan)

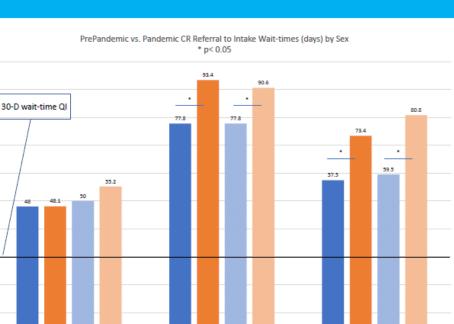
RESULTS

Pan vs. Pre-pan wait-times (days) were:

- not different for Site A (52.6 vs. 49.2, P>0.05)
- were longer for Sites B (91.5 vs. 77.8, P<0.001) and C (78.2 vs. 58.8, P<0.001)
- were no different (p>0.05) for female vs. male patients at any site during Pan (A 48.1 vs. 55.2, B 93.4 vs. 90.6 and C 73.4 vs. 80.8); or prepan periods (A 48.0 vs. 50.0, B 77.8 vs. 77.8 and C 57.5 Vs. 59.5)

CONCLUSIONS

Assessment of the impact of the pandemic on CR referral to intake wait-times, can be quantified using aggregate data collection through participation in the CACPR Registry. The pandemic appeared to be associated with increased wait-times in 2 of 3 large CR sites in Ontario but not the 3rdsite. All sites exceeded the quality-indicator 30 day wait-time. There was no difference in wait-times in relation to patient sex. The Registry can facilitate regular monitoring and mitigation of non-target wait-times which are important to improve CR care quality.



DISCLOSURES

Site B

Females-PrePandemic Females-Pandemic Males-PrePandemic Males-Pandemic

I have <u>not had</u> an affiliation (financial or otherwise) with a commercial organization that may have a direct or indirect connection to the content of my presentation.

Does your presentation describe the off-label use of a device, product, or drug that is approved for another purpose?

O YES



CARING FOR THE BODY, MIND & SPIRIT SINCE 1869



Site A

40



Did r

Suskin, N. Oh, P. Petro,

RATIONALE

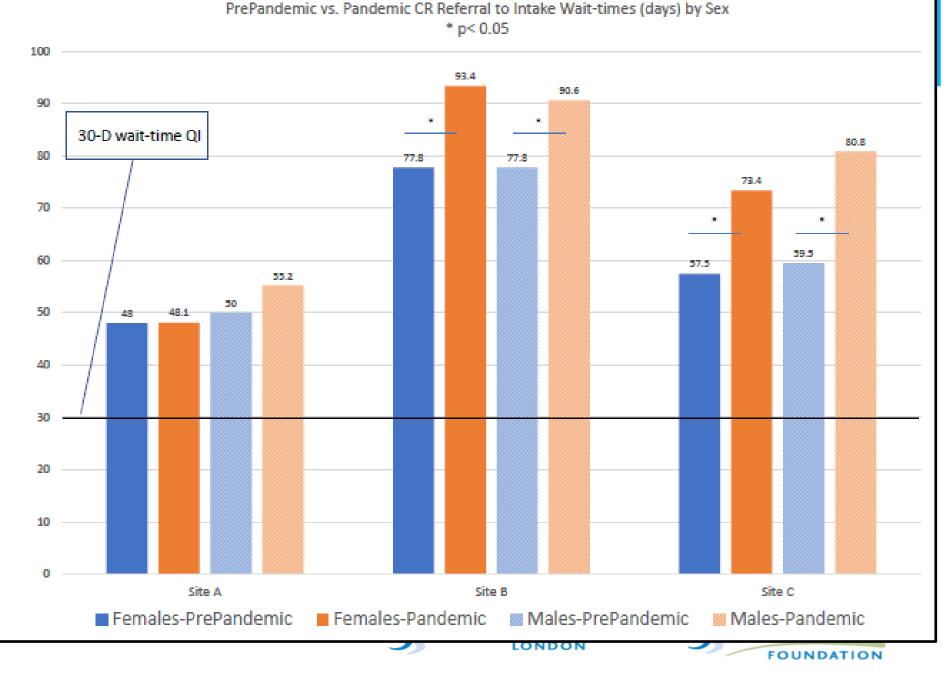
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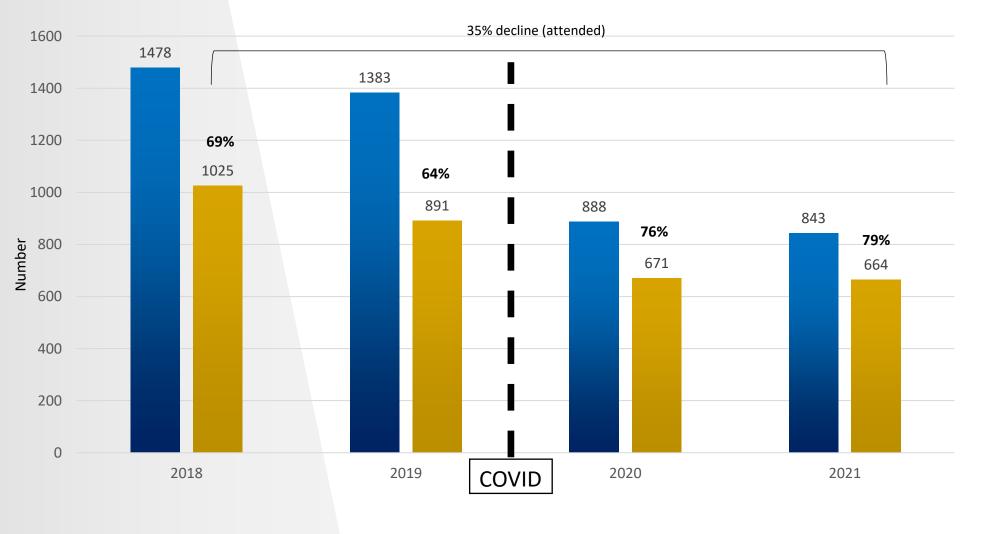
OBJECTIVES

- To evaluate whether CR Referral to Intake wait-times durin the Pandemic:
- 1. Increased overall or met the 30-day quality indicator 2. Differed between the sexes



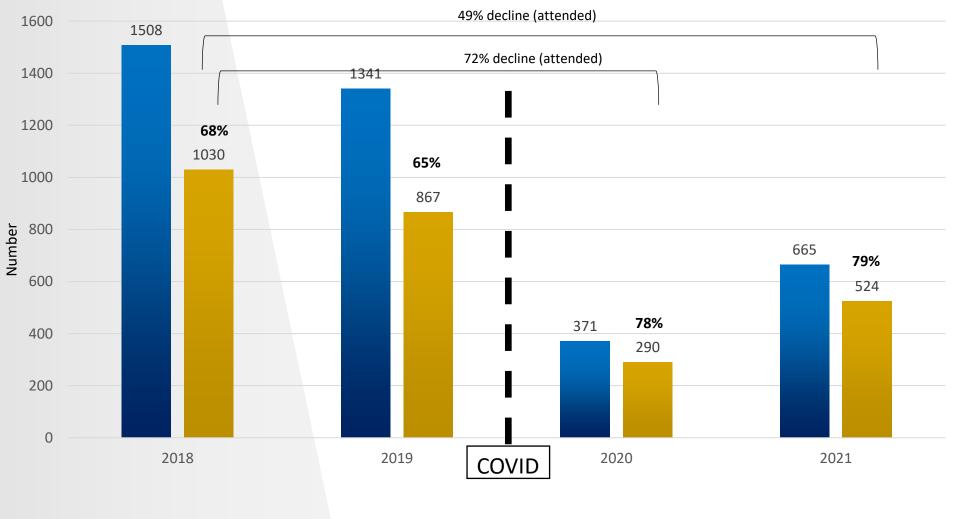
CARING FOR THE BODY, MIND

"good news" **CRSP INTAKE** ATTENDANCE



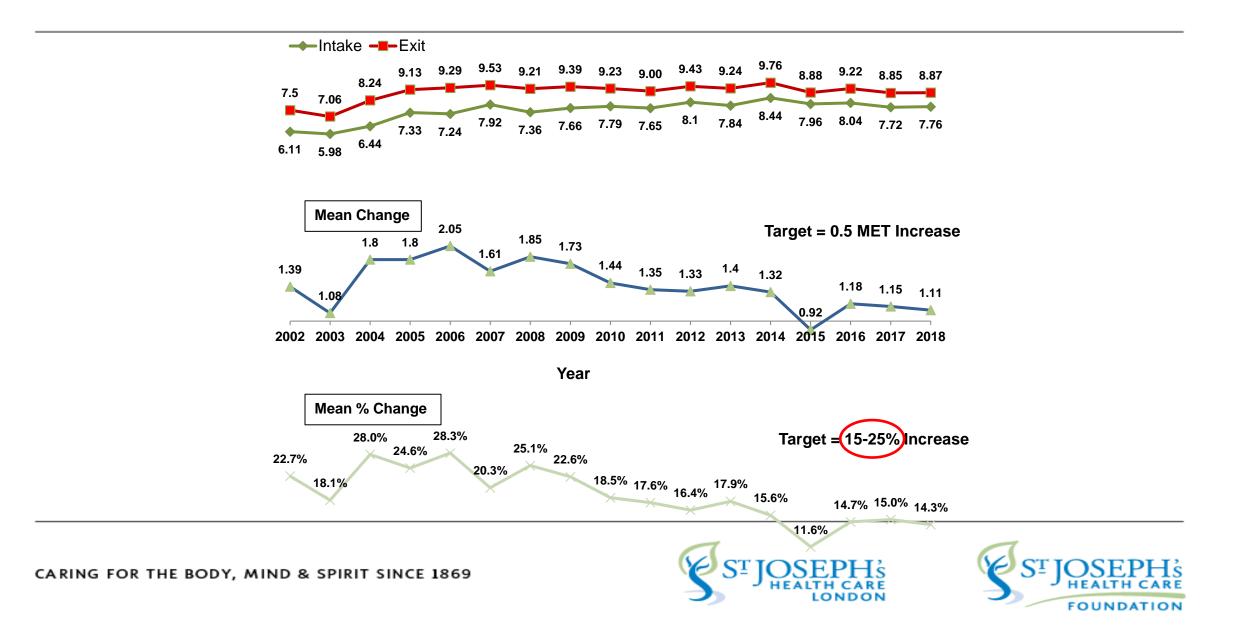
Booked Attended

CRSP INTAKE STRESS TEST ATTENDANCE

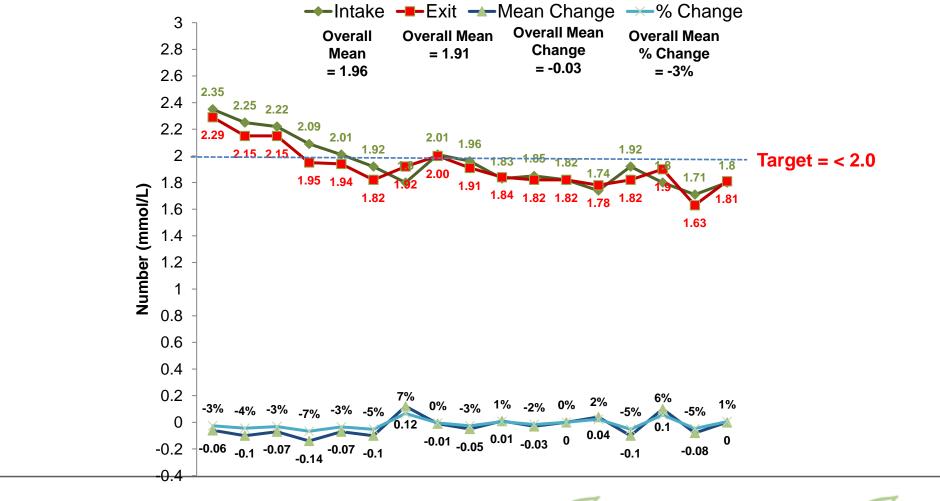


Booked Attended

METs: Intake, Exit, Change



LDL: Intake, Exit, Change



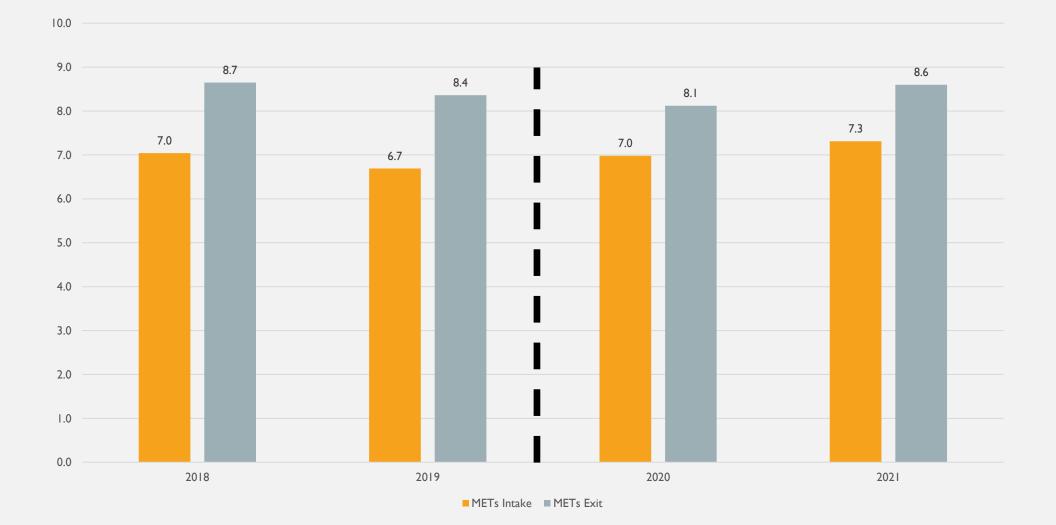
Year

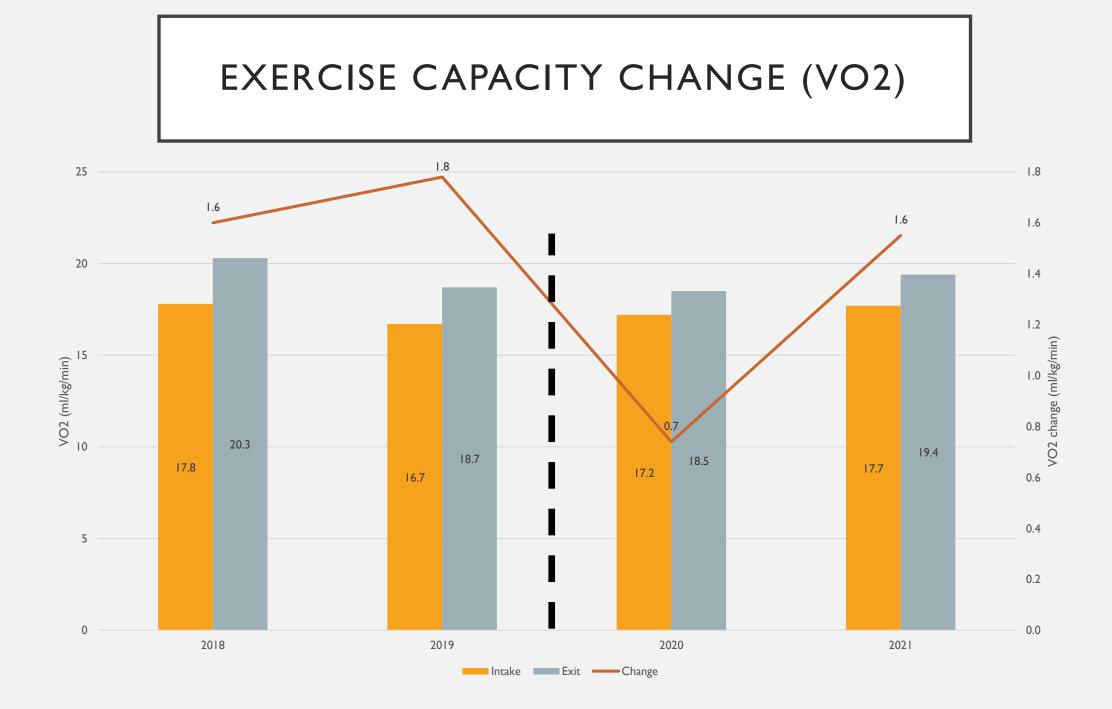
2002 CARING FOR THE BODY, MIND & SPIRIT SINCE 1869

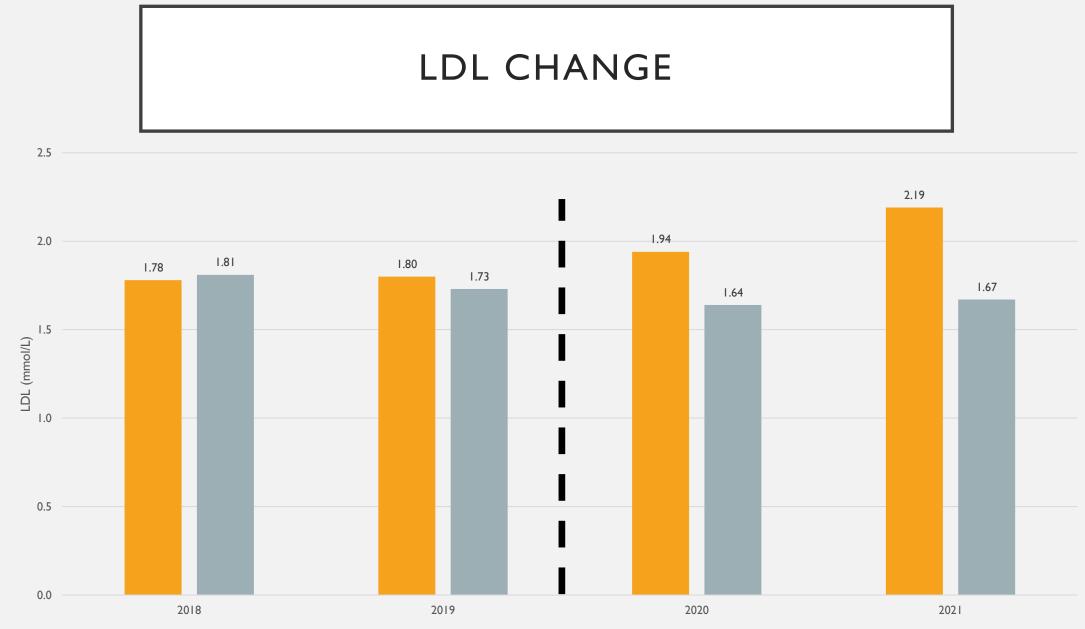




EXERCISE CAPACITY CHANGE (METS)

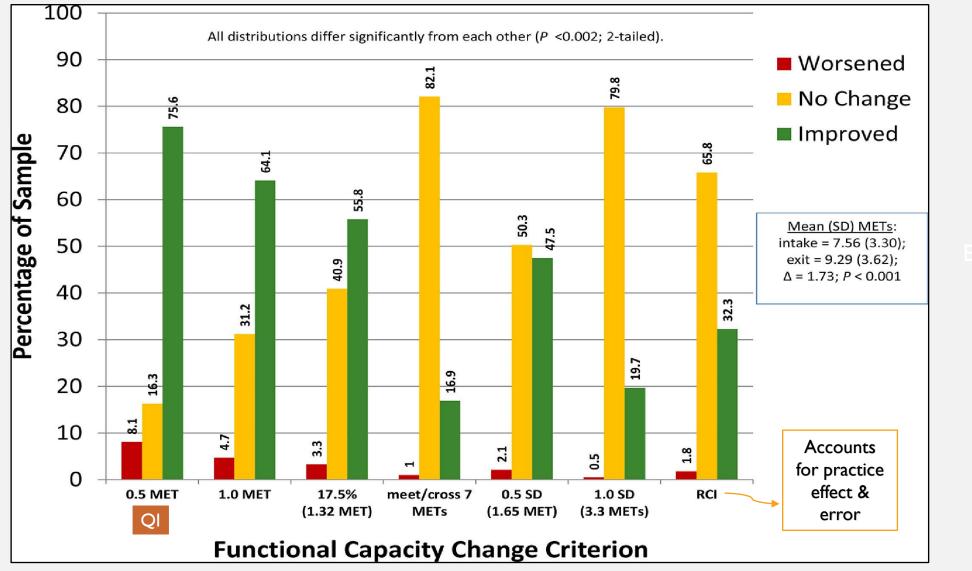






Intake Exit

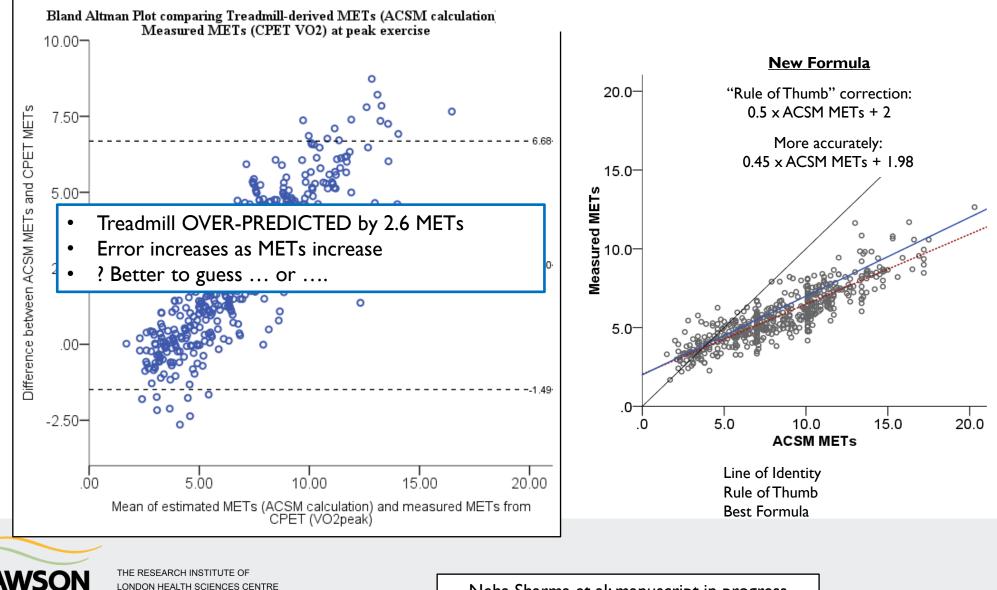
Measuring True Change in Individual Patients: Reliable Change Indices of CR Outcomes, and Implications for Quality Indicators



O'Connell, Suskin & Prior; CJC Open 2021 31139-1148DOI: (10.1016/j.cjco.2021.05.006)

Editors Pick

Treadmill predicted VO2 vs. measured VO2



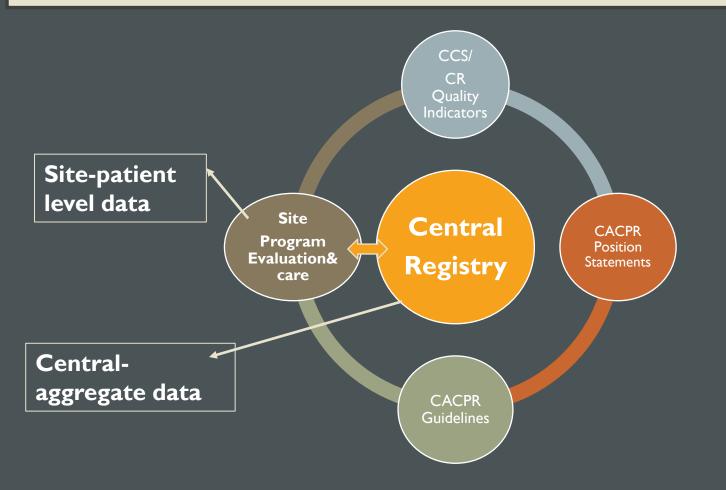
AND ST. JOSEPH'S HEALTH CARE LONDON.

HEALTH RESEARCH INSTITUTE

Neha Sharma et al: manuscript in progress

lawsonresearch.ca

CACPR CARDIOLOGICA REGISTRY SUITE & CR QUALITY



CARDIOLOGICA: DISCHARGE DOCUMENTATION PROJECT

0-0 31

• London

- Dr. Ashlay Huitema
- Dr. Neville Suskin
- Dr. Bob McKelvie
- Hamilton- Dr. Eva Lonn
- Kitchener- Dr. Heather Warren
- Toronto- Dr. Paul Oh
- Scarborough- Dr. Joe Ricci

patient demographic referral exercise history outcomes stress discharge *events
symptoms comorbidities tobacco / alcohol bloodwork / physical therapies status summary falls +COPY
lipid-lowering therapies
LDL at target
LDL is within appropriate target, Continue current management and regular screening.
 Patient is at high Framingham risk, and LDL is within appropriate target, Continue current management and regular screening.
 Patient is at intermediate Framingham risk, and LDL is within appropriate target, Continue current management and regular screening.
 Patient is at low Framingham risk, LDL within appropriate target. Continue current management and regular screening.
LDL is outside of target guidelines.
LDL not at target (statin tolerated)
 Increase statin to maximum tolerated guideline directed dose (Atorvastatin 80 mg PO daily, rosuvastatin 40 mg PO daily) and recheck lipids in 3 months.
 Add ezetimibe 10mg PO daily to maximum tolerated guideline directed dose of statin and recheck lipids in 3 months.
 Add PCSK9 inhibitor to ezetimibe and maximum tolerated guideline directed dose of statin and recheck lipids in 3 months.
 Add ezetimibe 10mg PO daily to PCSK9 inhibitor and recheck lipids in 3 months.
LDL not at target (current statin regimen not tolerated)
 Patient intolerant of high potency statin. Consider alternate dosing regiment or discontinue current statin and start trial of a low potency statin to maximally tolerated guideline directed dose and recheck lipids in 3 months.
 Patient intolerant of multiple statins Consider discontinuation of statin medication and starting PCSK9 monotherapy and recheck lipids in 3 months. calculate

CARDIOLOGICA: DISCHARGE DOCUMENT

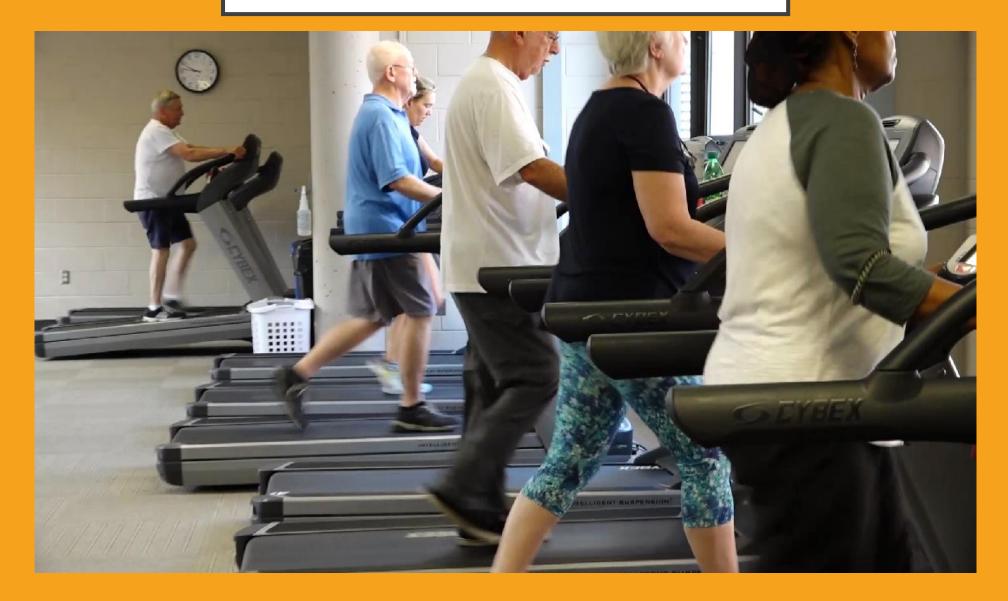
Cardiac Institute			CARDIOLOGICA			Toronto, ON M1E 48 TEL: 416-123-4567 FAX: 416-123-999		
Wednesday, May 27	7, 2020		di	scharge				
	► Abeqyk, Law ► 25-Sep-1954						hea	MRN ► 5271 alth card ►
Referral Events CV Background History]		
		-1 standard deviation	T/ WORSE	ARGET	TTER	+1 standard deviation		target values
	V02 <	20.2 🔶 🛛	0	-			VO2	
	METs <	5.8	4 O				METs	
	TG ◄	3.03 Ø	-				TG	< 1.7 mmol/L
off on target target	HDL ◀	0.85	¢				HDL	> 1.0 mmol/L
	LDL		¢			• • • • • •	► LDL	< 2.0 mmol/L
8 4	TC/HDL	¢					TC/HDL	< 4.0
	HbA1c					0.063	HbA1c	≤ 0.07
	waist <	103		•			waist	< 102 cm
	weight <	89	¢	-			weight	78 kg
	BMI <	28	¢				BMI	< 25
	SBP <	134	0	•			SBP	< 130
	DBP)	þ 76	► DBP	< 80
medication			Ś	= @intake				
stress test	PROTOCOL							
intake >			7:37 5.	2 190	DBP PE/	ISCHEMIA		
discharge►			8:16 5.		80	no		
training	MIN HR MAX H	IR THRESH H	R MIN M	ETS MAX MET	rs			
<u></u>	102 108	117						

and recheck lipids in 3 months.

HAPPY CR TEAM



VERY HAPPY PATIENTS



QUESTIONS

Open Forum Discussion

Pulse Check: What is the current experience of delivery CR in Ontario? Dr. Paul Oh

Open Forum Discussion

- **1**. How is your program being affected by the latest COVID wave?
- 2. What is the current experience of delivering CR in Ontario?
- 3. What can CorHealth do to help support your program at this time?





Dr. Karen Harkness

Next Steps

- Continue regular monthly data collection for 2 key metrics and initial cardiac cohort:
 - The contact person from each program submitting data will receive an email from Joy Tabieros with their program-specific data collection form on the <u>first Monday of each month</u>
- Assuming support from CR Forum, begin data collection for two additional subgroups, starting June 2022
 - Data collection template for programs will be updated
- Present updated results at the next CR Forum (September; date TBD)



Forum materials

New Location!!

A copy of the Forum notes, slides and recording will be made available on the CorHealth website under 'Resources for Healthcare Planners & Providers'_____

Resources for Healthcare Planners & Providers

Cardiac Catheterization & Percutaneous Coronary Intervention (PCI)

Referral Forms

COVID-19 Resource Centre

COVID-19 Resources CorHealth Memos & Documents CorHealth Stakeholder Forum Meetings General Cardiac Resources General Stroke Resources General Vascular Resources

Ontario Health CorHealth Ontario Heart Rhythm Offlisting Form Referral Form

Hypertension Management

Hypertension Management Program – Getting Started Toolkit for Primary Care Quality Performance Measurement and Monitoring (QPMM)

Cardiac QPMM Resources

Stroke QPMM Resources

Rehabilitation

Standards for the Provision of Cardiovascular

Rehabilitation in Ontario Regional Economic Assessments



The Canadian Association of Cardiovascular Prevention and Rehabilitation's 2022 ANNUAL SPRING CONFERENCE

Virtual | June 3 - 4

#CACPR2022

V3

V4

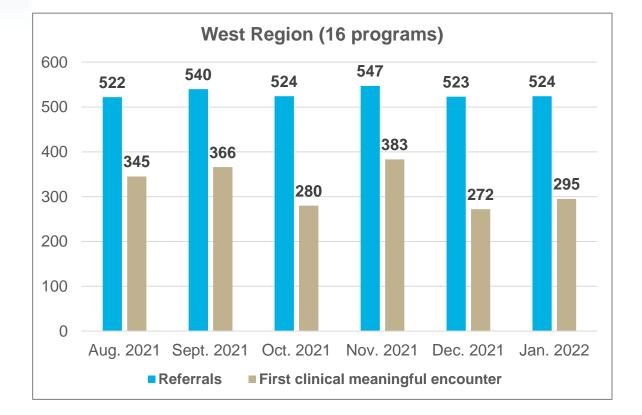
7th Annual CACPR Spring Conference 2022

The theme for this year's virtual Spring Meeting is "Cardiovascular Rehabilitation in the 21st Century: Future Directions for Cardiac Rehab with a Focus on Patient-Centered Care".



Appendix A. OH Region Monthly Volumes and Participating Sites

Monthly totals- West Region



Total referrals: n= 3180 Total first clinical meaningful encounter: n= 1941 Ratio: total first encounter/total referrals : 61%

Programs submitting data

Hotel Dieu Grace Healthcare Cardiac Wellness – Windsor and Learnington sites

North Lambton Community Health Centre (Sarnia) Chatham-Kent Community Health Centre (Chatham)

St. Joseph's HealthCare Cardiac Rehab & Secondary Prevention (London)

Heathy Hearts Cardiac Rehab, Maitland FHT (Goderich)

Stratford Family Health Team (Stratford)

Grand Bend Area Community Health Centre

Alexandra Hospital Cardiac Rehab, Ingersoll

Hanover and District Hospital Hearts in Motion

Kincardine Family Health Team Hearts in Motion

Owen Sound Cardiac Rehab program (Grey Bruce Health Services)

St Mary's Cardio-Pulmonary Rehabilitation Program

Cambridge Cardiac Care Centre (Cambridge)

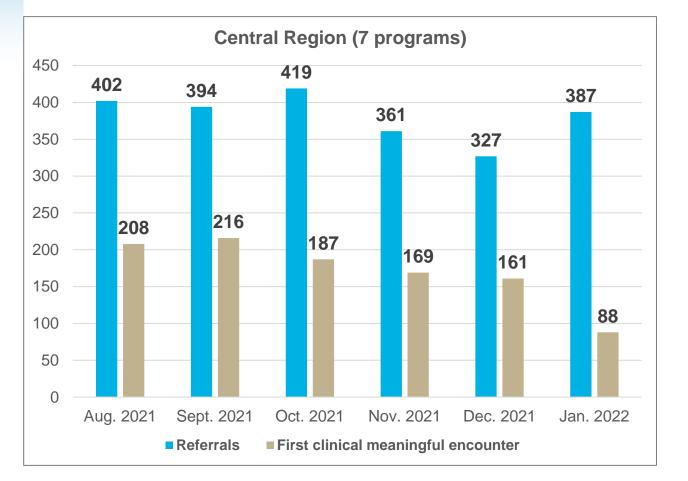
Cardiovascular Health & Rehabilitation Program

(St. Catharines-Niagara Health System)

Upper Grand Family Health Team

Waterloo Regional Cardiac Rehabilitation (Hardy Hearts)

Monthly totals- Central Region



Programs submitting data

William Osler Health System-CR Program at Peel Memorial Hospital-Brampton and Etobicoke General Hospital

Trillium Health Partners CR Prevention & Rehabilitation Centre

Halton Health Care - Milton and Oakville Sites

Royal Victoria Hospital Cardiac Rehab Program (Barrie and Innisfil sites)

Partner programs- Georgian Bay FHT (Collingwood, Wasaga Beach sites), North Simcoe FHT (Midland)

Algonquin FHT- Health Heart Program (Huntsville)

Cottage County Family Health Teams Health Heart Program

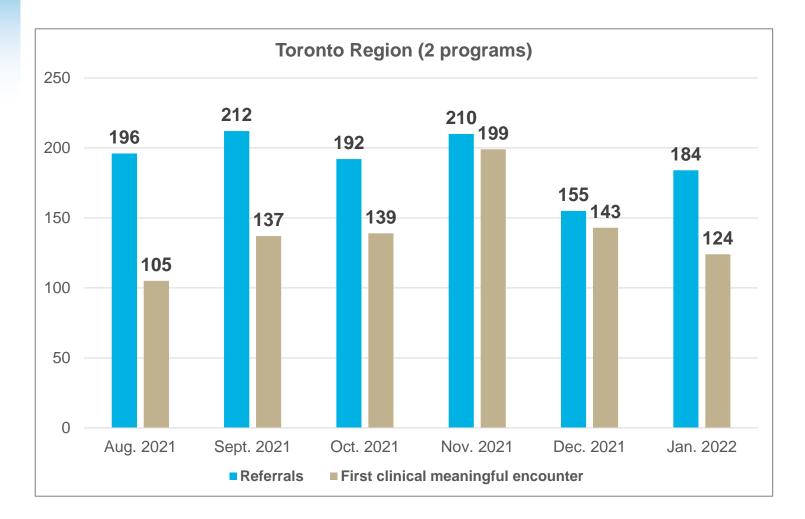
Orillia Soldiers Memorial Hospital Cardio Rehab Program

Total referrals: n= 2290



Total first clinical meaningful encounter: n= 1029 Ratio: total first encounter/total referrals : 45%

Monthly totals- Toronto Region



Programs submitting data

UHN-Cardiovascular Prevention and Rehabilitation Program

Women's Cardiovascular Health Initiative (Toronto)

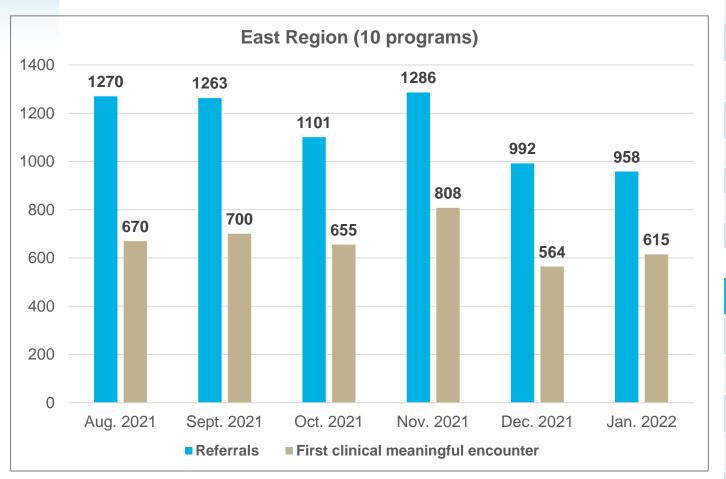
Total referrals: n= 1149

V

Total first clinical meaningful encounter: n= 847

Ratio: total first encounter/total referrals : 74%

Monthly totals- East Region



Total referrals: n= 6870



Total first clinical meaningful encounter: n= 4012 Ratio: total first encounter/total referrals : 58%

Programs submitting data

Southlake Regional Health Centre CV Prevention and Rehab Program (Newmarket)

MacKenzie Health CV Rehab Program

Carefirst Ontario - Scarborough and Richmond Hill sites

Central East Cardiac Rehab (13 sites)

Peterborough Regional Health Centre Cardiac Rehab Program

Kingston Health Sciences CR program, Hotel Dieu Site

Prince Edward Ambulatory Cardiac Centre CR (Picton)

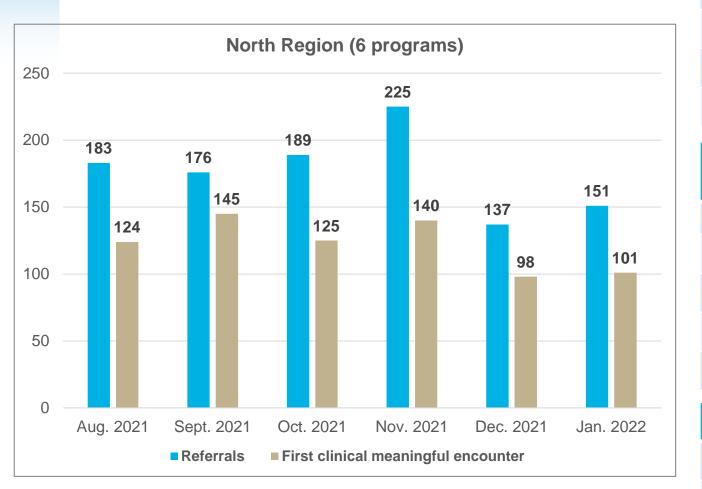
Lennox and Addington County General Hosp. Cardiac Rehab (Napanee)

Cornwall Hospital Cardiopulmonary Rehab Program

UOHI and Partner programs submitting data

Lanark Renfrew Lung Health Program	Hawkesbury & District General Hospital Supervised Program
Alexandria: Hospital Glengarry Memorial	Cardiovascular and Pulmonary Health Services (Montfort)
Arnprior FHT and Arnprior Regional Health	Seaway Valley CHC Tele-Rehab Program (Cornwall)
North Hastings Cardiac Rehabilitation	Winchester Tele-Rehab Program
Barry's Bay St Francis Memorial Hospital (Tele-Rehab)	Pembroke Regional Hospital Cardiac Rehab Program
Centre de santé communautaire de l'Estrie (Bourget)	Lanark Renfrew Lung Health Program(Perth)
Brockville Cardiovascular Program	University of Ottawa Heart Institute

Monthly totals- North Region



Total referrals: n= 1020



Total first clinical meaningful encounter: n= 703 Ratio: total first encounter/total referrals: 69%

Health Sciences North and Partner programs submitting data

HSN- Sudbury	Kirkland and District Hospital Cardiac Rehabilitation and Secondary Prevention Clinic
Manitoulin Health Centre Cardiac Rehab	Temiskaming Hospital Cardiac Rehab
Espanola Regional Hospital and Health Centre Cardiac Rehab Program	Cardiac Rehab Program Group Health Centre Sault Ste Marie
Sturgeon Falls West Nipissing General Hosp. Cardiac Rehab Program	
The large produced line of the	

Thunder Bay Regional Health Sciences Centre and Partner programs submitting data

TBRHSC (Thunder Bay)	Nipigon District Memorial Hospital CV Rehab
Redlake Margaret Cochenour Memorial Hospital CV Rehab	Geraldton District Hospital CV Rehab
Mary Bergund Health Centre CV Rehab	McCausland Hospital CV Rehab
Atikokan General Hospital CV Rehab	Wilson Memorial General Hospital CV Rehab
La Varendrye General Hospital CV Rehab	Manitouwadge General Hospital CV Rehab

Other Programs submitting data

West Parry Sound Cardiac Rehab Program	Sioux Lookout Meno Ya Win Health Centre CV Rehab
Dryden Regional Health Centre CV Rehab	Lake of the Woods District Hosp. CV Rehab, Kenora