



Lessening Organ  
Dysfunction with  
VITamin C

## Newsletter

Special Edition - April 14, 2022

### Dear LOVIT Teams

It is with great pleasure that we present to you this special edition of the LOVIT Newsletter.

35 sites from Canada, New Zealand, and France participated in the LOVIT trial and enrolled 872 patients.

The first LOVIT patient was enrolled on November 14, 2018 and the last patient was enrolled on July 19, 2021. We completed the final 6-month follow-up on January 24, 2022.

We would like to thank the investigators, health care professionals, research and laboratory personnel, study and data coordinators, and the patients and their caregivers who participated in this trial.

We have submitted the primary manuscript for publication and we anticipate publication at the time of the presentation of the results of the trial at the Critical Care Reviews Meeting in Belfast in June 2022.

We will share the results of the trial with you before this official presentation. More information will follow.

**Thank you again for this amazing adventure!!!**

**We LOV(e) working with you!**



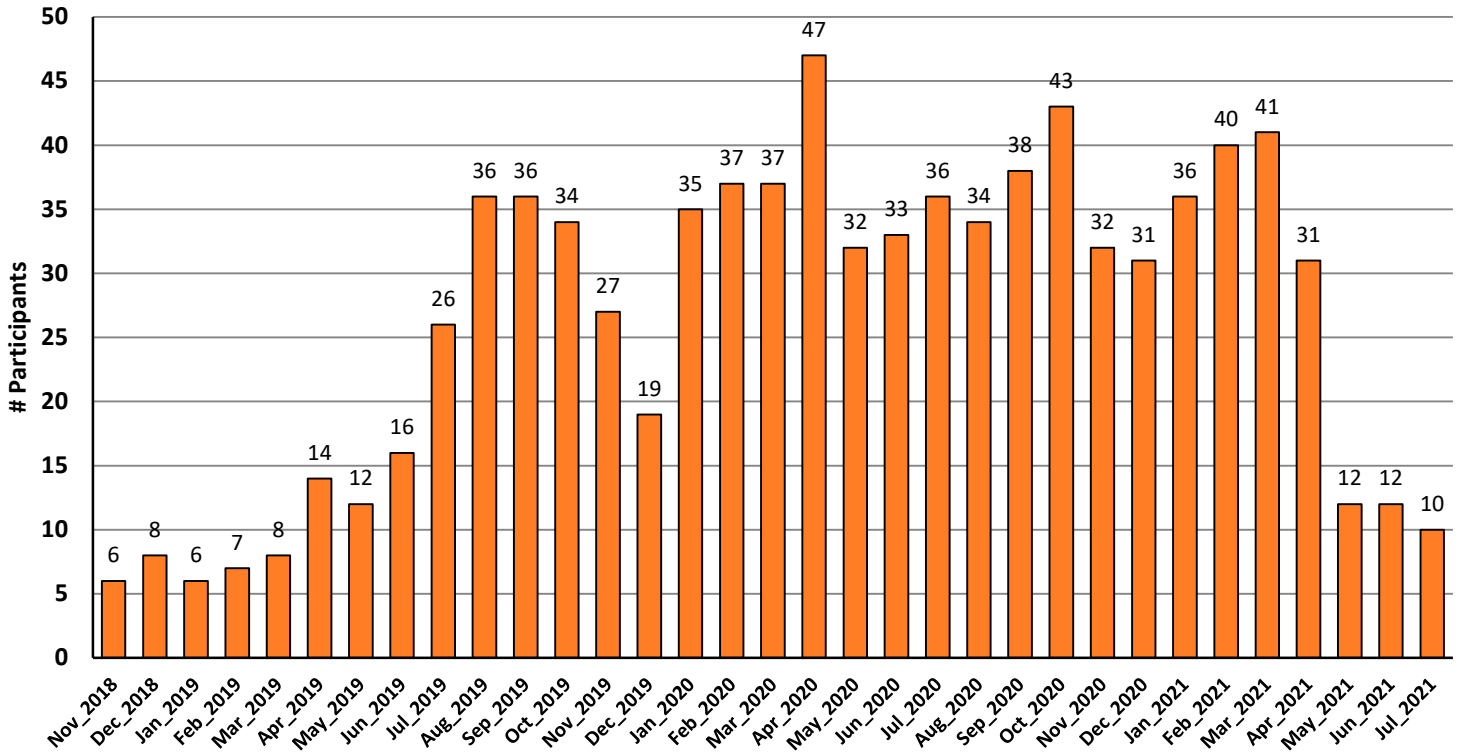
Lessening Organ  
Dysfunction with  
VITamin C

## Newsletter

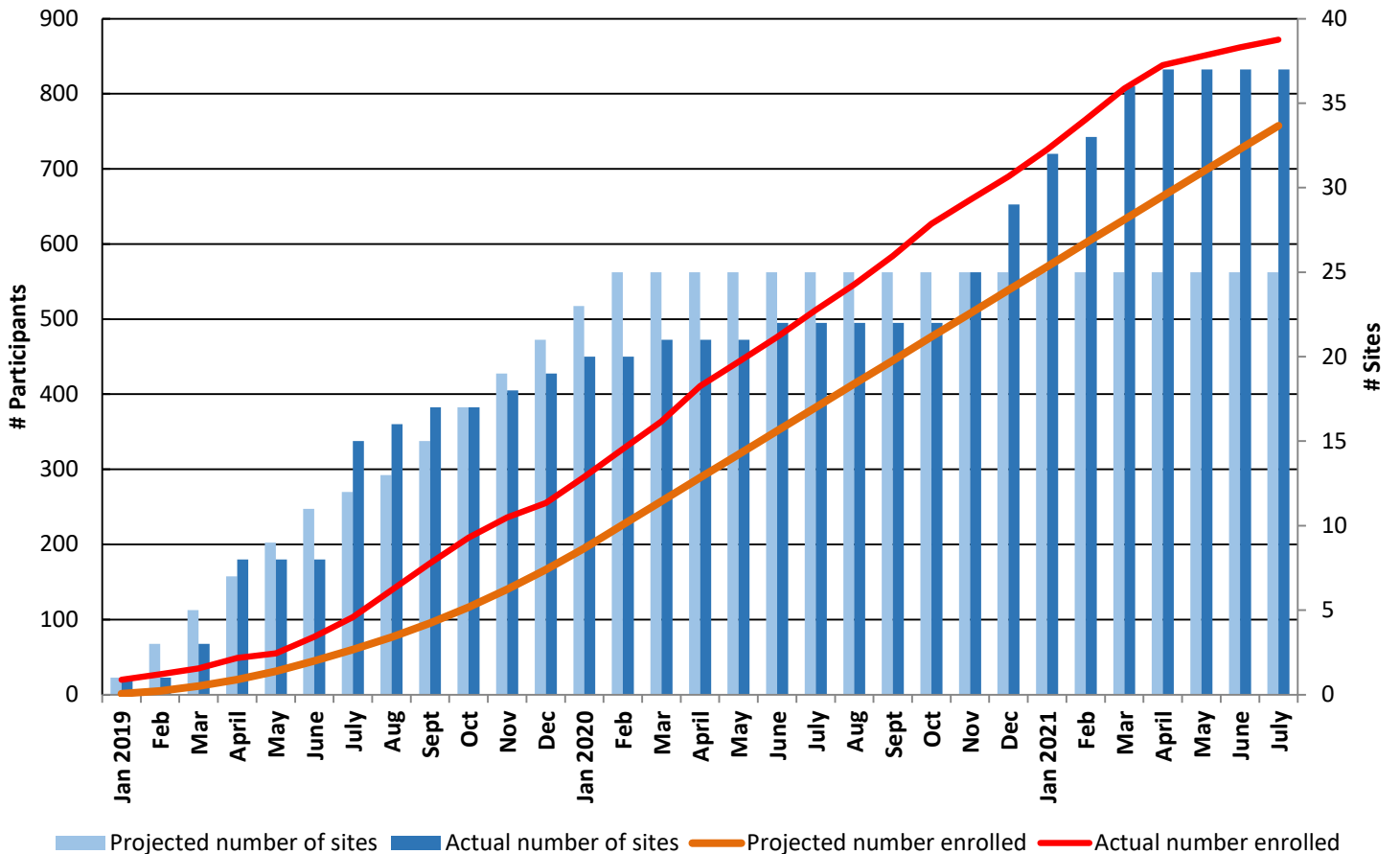
Special Edition - April 14, 2022

The DSMB overseeing the conduct of the ongoing LOVIT-COVID trial has recommended that this other trial, reserved to patients with COVID-19, should continue.

## LOVIT - Patients Enrolled Per Month



## LOVIT - Overall Enrollment



## LOVIT - Number of patients enrolled per site

Sites	Number of patients enrolled
CIUSSS de l'Estrie – CHUS	204
Juravinski Hospital	100
The Ottawa Hospital – General Campus	89
Sunnybrook Health Sciences Centre	81
Kingston Health Sciences Centre	46
Hamilton General Hospital	41
The Ottawa Hospital – Civic Campus	39
St. Joseph's Healthcare	30
Centre Hospitalier de l'Université de Montréal	25
Rotorua Hospital, NZ	22
Auckland City Hospital – Department of Critical Care Medicine, NZ	19
CISSS de Chaudière-Appalaches – Hôtel-Dieu de Lévis	15
Mount Sinai Hospital	15
CHU de Québec-Université Laval – Hôpital de l'Enfant Jésus	15
Royal Alexandra Hospital	12
Wellington Hospital, NZ	12
Christchurch Hospital, NZ	11
Vancouver Island Health Authority	10
University of Alberta Hospital	9
Hôpital Raymond-Poincaré, FR	8
Institut Universitaire de Cardiologie et de Pneumologie de Québec	7
Vitality Health Network – Dr. Georges-L.-Dumont University Hospital Centre	7
London Health Sciences Centre	7
Auckland City Hospital – Cardiothoracic and Vascular ICU, NZ	7
Dunedin Hospital, NZ	7
McGill University Health Centre – Royal Victoria Hospital	6
Tauranga Hospital, NZ	6
CIUSSS de la Mauricie-et-du-Centre-du-Québec (Trois-Rivières)	5
CIUSSS du Nord-de-l'Île-de-Montréal – Hôpital du Sacré-Cœur	5
Oakville Trafalgar Memorial Hospital – Halton Healthcare	4
CIUSSS de l'Est-de-l'Île-de-Montréal – Hôpital Maisonneuve-Rosemont	2
University Health Network - Toronto General Hospital	2
Waikato Hospital, NZ	2
McGill University Health Centre – Montreal General Hospital	1
Hôpital Henri-Mondor, FR	1

# List of contributors

## Site Investigators (alphabetically by country)

Institution	Site investigator(s)	Research coordinator(s)
<b>Canada</b>		
Centre hospitalier de l'Université de Montréal	Michaël Chassé Pierre Aslanian Sylvain Bélisle Jean-François Cailhier François Martin Carrier Emmanuel Charbonney André Denault Martin Girard Jean-Gilles Guimond Antoine Halwagi Paul Hébert Christophe Kolan Caroline Ouellet Nicholas Robillard	Fatna Benettaib Dounia Boumahni Martine Lebrasseur Maya Salamé Marie-Ève Cantin
Centre Intégré Universitaire de Santé et de Services Sociaux de Chaudière-Appalaches	Patrick Archambault Christine Drouin	Estel Duquet-Deblois Monia Noël-Hunter
Centre Intégré Universitaire de Santé et de Services Sociaux de la Mauricie-et-du Centre-du Québec	Jean-Nicolas Dubé Marie-Josée Bériault Marco Chacon David Claveau Jean-François Naud Élise Rodrigue	Danielle Tapss Guylaine Toupin
Centre Intégré Universitaire de Santé et de Services Sociaux de l'Estrie - Centre Hospitalier Universitaire de Sherbrooke	François Lamontagne Frédéric D'Aragon Dominique Bérard Brian Grondin-Beaudoin Marc-André Leclair Olivier Lesur Michaël Mayette Yannick Poulin Hector Quiroz Martinez Charles St-Arnaud	Elaine Carbonneau Julie Bélisle Marie-Pier Bouchard Line Côté Marylène Ladouceur Joannie Marchand Alexandra Naisby Louise Robert-Petit Marie-Ève Thibault
Centre Intégré Universitaire de Santé et de Services Sociaux du Nord de l'île de Montréal - Hôpital Sacré-Cœur de Montréal	Emmanuel Charbonney Martin Albert Francis Bernard Alexandros Cavayas Karim Serri David Williamson	Virginie Williams Julia Lainer Palacios
CHU de Québec-Université Laval, Hôpital de l'Enfant-Jésus	François Lauzier Charles Francoeur Guillaume Leblanc Maude St-Onge Alexis Turgeon	David Bellemare Marie-Claude Boulanger Eve Cloutier Gabrielle Guilbault Frédérique Thibeault

# List of contributors

## Site Investigators (alphabetically by country)

Hamilton General Hospital	Emilie Belley-Côté Alison Fox-Robichaud Maureen Meade Richard Whitlock	Lori Hand Leah Hayward Courtney Mullen Nevena Savija
Institut Universitaire de Cardiologie et de Pneumologie de Québec	François Lellouche Mathieu Simon Ying Tung Sia	Patricia Lizotte
Juravinski Hospital	Bram Rochweg	Tina Millen
Kingston Health Sciences Centre	David Maslove J. Gordon Boyd John Drover John Muscedere Stephanie Sibley	Tracy Boyd Miranda Hunt
London Health Sciences Centre	Tina Mele	Tracey Bentall Chadia Elkhatib
McGill University Health Centre	Jason Shahin Kosar Khwaja	Josie Campisi Norine Alam Raham Rahgoshai
Mount Sinai Hospital	Sangeeta Mehta Michael Detsky	Sumesh Shah
Oakville Trafalgar Memorial Hospital	Sonny Kohli Fulan Cui Vikas Khera David McConachie Sachdeep Rehsia	Dalisha Bharti Adic Perez
Royal Alexandra Hospital	Demetrios James Kutsogiannis Raiyan Chowdhury Jon Davidow Curtis Johnston Michael Kim Kimberley Macala Sam Marcushamer Darren Markland Doug Matheson Arabesque Parker Damian Paton-Gay	Tayne Hewer Patrica Thompson
St. Joseph's Healthcare	Deborah Cook Waleed Al-Hazzani Erick Duan Tania Ligori Mark Soth	France Clarke Mary Copland Karlo Matic

# List of contributors

## Site Investigators (alphabetically by country)

Sunnybrook Health Sciences Centre	Neill KJ Adhikari Andre Amaral Brian H Cuthbertson Robert A Fowler Dominique Piquette Damon C Scales Bourke Tillmann Hannah Wunsch	Nicole Marinoff Maneesha Kamra Navjot Kaur Deeptha Murali Thivya Sabananthan Thuva Sugumaran
The Ottawa Hospital	Andrew Seely Shane English Hilary Meggison Sherissa Microys Scott Millington Aimee Sarti	Jessica Haines Sydney Miezeitis Rebecca Porteous Irene Watpool
Toronto General Hospital	Lorenzo Del Sorbo Eddy Fan John Granton	Hesham Abdelhady Tina Romagnuolo
University of Alberta Hospital	Oleksa Rewa Sean Bagshaw Michael Meier Wendy Sligl	Nadia Baig
Vancouver Island Health Authority	Gordon Wood Daniel Ovakim	Fiona Auld Gayle Carney Deborah Parfett
Vitality Health Network	Rémi Leblanc Matthieu Poirier Theophile Theriault Maryse Williston	Jackie Caissie Collette Melanie Carriere Melissa Daigle Bernise Gaudet Karine Morin Lola Ouellette-Bernier Julie Poitras Melanie Robichaud Joanne Rockburn

# List of contributors

## Site Investigators (alphabetically by country)

<b>France</b>		
Hôpital Henri-Mondor	Armand Mekontso Dessap Romain Arrestier François Bagate Ines Bendib Brice Benelli Enora Berti Astrid Bertier Pedro Cavaleiro Nicolas de Prost Segolene Gendreau Otto Hartman Anne-Fleur Haudebourg Julien Lopinto Paul Masi Gaël Michaud Keyvan Razazi Samuel Tuffet	Aline Alves Luiza Nait Chabane Fariza Ouali Rachida Ouedraogo
Hôpital Raymond-Poincaré	Djillali Annane Lilia Abdeladim Rania Bounab Nicholas Heming Virginie Maxime Pierre Moine	Isabelle Bossard Segolene Jourdier Siline Mahiou Hayette Tessa
<b>New Zealand</b>		
Auckland City Hospital - Cardiothoracic and Vascular Intensive Care Unit	Shay McGuinness Jonathan Ball Immanuel Hennessy Maurice Hogan	Magdalena Butler Keri-Anne Cowdrey Eileen Gilder Rachael Parke Samantha Ryan Melissa Woollett
Auckland City Hospital - Department of Critical Care Medicine	Andrew Van Der Poll Kerry Benson-Cooper Jonathan Chen Kirk Freeman David Harley Dave Harvey Craig Hourigan Kylie Julian Stephen Lo Colin McArthur Stuart Miller Chris Pointer Rex Anthony Smith Laura Tincknell	Rachael McConnochie Catherine Simmonds



# List of contributors

## Site Investigators (alphabetically by country)

Christchurch Hospital	Geoffrey Shaw Toby Betteridge Brandon Burke David Closey Rosalind Crombie Neil Davidson Louise Henderson Seton Henderson Louise Hitchings David Knight Christine Quigley Jay Ritzema Carter Jessica Roberts Katherine Townend	Tara Doyle Jan Mehrstens Stacey Morgan Anna Morris Kymbalee Van Der Heyden
Dunedin Hospital	Pawel Twardowski Martin Dvoracek Markus Renner David Silverman Myles Smith Katherine Monica Stephens Hansjörg Albert Waibel Stefan Wiebe Mark Woolley	Amie Eden Dawn France
Rotorua Hospital	Ulrike Buehner Katallah Kramer	Erin Williams
Tauranga Hospital	Troy Browne Owen Callender Jonathan Chen Susanne Farrell Vicky Higson David Jackson Owen Keet	Jennifer Goodson
Waikato Hospital	Robert Martynoga Kelly Byrne	Amelia Butler Kara Trask Gay Mans Jonathan Termaat
Wellington Hospital	Paul Young Colin Barnes Ben Barry Kim Grayson James Moore Alex Psirides Shawn Sturland Kate Tietjens Bob Ure Laurence Walker Jason Wright	April Aguilar-Dano Kirsha Delaney Cassie Lawrence Mildred Lesona Alexandra Millington Leanlove Navarra Shaanti Olatunji Raulle Sol Cruz Rhoze Sol Cruz Chelsea Young

## List of contributors

### Steering Committee (alphabetically by country)

Institution	Member
<b>Canada</b>	
Kingston Health Sciences Centre	Andrew Day
McMaster University	Deborah J Cook, Gordon H Guyatt, Sheila Sprague
Patient Partner	Dian Cohen
Queen's University	Daren K Heyland
Research Centre of the Centre Hospitalier Universitaire de Sherbrooke and Université de Sherbrooke	François Lamontagne
Research Centre of the Centre Hospitalier Universitaire de Sherbrooke	Marie-Hélène Masse, Julie Ménard
Sunnybrook Health Sciences Centre and University of Toronto	Neill KJ Adhikari
Sunnybrook Health Sciences Centre	Ruxandra Pinto
The Ottawa Hospital Research Institute	Salmaan Kanji
Université de Sherbrooke	Marie-Claude Battista
<b>France</b>	
Hôpital Raymond-Poincaré	Djillali Annane
<b>India</b>	
Apollo Hospitals, Chennai	Bharath Kumar Tirupakuzhi Vijayaraghavan
<b>New Zealand</b>	
Auckland City Hospital	Shay McGuinness
University of Auckland	Rachael Parke
<b>Saudi Arabia</b>	
King Abdulaziz Medical City	Yaseen Arabi

### Basic Science Team

Institution	Member
Research Institute of the McGill University Health Centre	Ari Gritsas
Université de Sherbrooke	Marie-Claude Battista, Lucie Bouffard, Lounes Haroune, Sabrina Saibi

## List of contributors

### Vitamin C Testing Team

Institution	Member
Sunnybrook Health Sciences Centre	John Iazzetta, Shirley Law, Nathan Ma, Scott Walker

### Coordinating Team in France

Institution	Member
Assistance publique - Hôpitaux de Paris	Yohann Goldberg, Hakim Meddah, Naima Sghiouar

### Other Administrative Help

Institution	Member
McMaster University	Lisa Buckingham
Unité de Recherche Clinique et Épidémiologique of the Research Centre of the Centre Hospitalier Universitaire de Sherbrooke	Amélie Têtu, Francis Malenfant