



**Canadian
Cardiovascular
Society**

MYCOVACC

The CCS National Active Surveillance Study of Myocarditis and/or Pericarditis following mRNA COVID-19 Vaccination (MYCOVACC) is a multi-centre, pan-Canadian study funded by the Public Health Agency of Canada.

Watch: Vaccine-Associated Myocarditis: Insights from the CCS MYCOVACC Surveillance Study Recording

This Vascular 2023 session updates the Canadian cardiovascular community on MYCOVACC. Dr. Michael McDonald chairs the session. The presenters are Dr. Michael Khoury, Dr. Nat Hawkins, and Dr. Tahir Kafil along with Susanna Ogunnaike-Cooke from the Public Health Agency of Canada.



The presentation addresses:

- Key knowledge gaps in the management and follow-up of patients with vaccine-associated myocarditis.
- The public health context and pathways for adverse event reporting.
- The scope and breadth of the MYCOVACC surveillance study and how to participate in the study and refer patients.
- Current clinical guidance in the management and follow-up of patients with vaccine-associated myocarditis.

[Click here to watch](#)

Site Recruitment Update



MYCOVACC has recruited more than 35 study sites across Canada with the assistance of our key research partner networks.

The CCS continues to actively recruit cardiac care centres, cardiology clinics and cardiologists from across Canada to contribute to the study. [Learn more.](#)

Study Update

Recent project highlights include:

- Recruiting and orienting cardiac care centre site leads and project staff from coast-to-coast.
- Receiving approval to access adverse event following

immunization/administrative data in British Columbia and Alberta.

- Assembling the core patient cohort from our major partners and commencing data collection.
- Presenting “Vaccine-Associated Myocarditis: Insights from the CCS MYCOVACC Surveillance Study” at Vascular 2023 in Montreal.
- Forming a writing group to prepare updated training/practice guidance.



Related Research

Abohelwa M, Mohamed AA, Del-Rio-Pertuz G, Elgwairi E, Nguyen T, Elmassry M., Parmar K, Rao S, Patel B, Hamous K, Mitta, N, Sethi P, Nugent K, Shurmur S. Cardiac Muscle Injury and Echocardiographic Plus Electrocardiographic Findings in Patients with 2019 Novel Coronavirus (COVID-19): A Retrospective Cohort Study. *CJC Open* (2023), <https://doi.org/10.1016/j.cjco.2023.10.005>

Calderone A, Benharrats M, Prud'homme P, Coderre R, Friedrich M, Piché A, Falcone E, Chetrit M, Ni J, Fitzcharles M, Boudreault C. Acute Myo/Pericarditis in Post-Acute COVID-19 Syndrome; Insights from the IMPACT Study. *Canadian Journal of Cardiology* (2023) Oct 39(10): S77- 8. <https://doi.org/10.1016/j.cjca.2023.06.115>

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