

COVID-19
Community of
Practice for Ontario
Family Physicians



June 4, 2021

Dr. Peter Juni
Dr. Allison McGeer
Dr. David Kaplan
Dr. Dr. Liz Muggah

Changing the Way We Work
**Evolving evidence on COVID-19 transmission
and vaccination and implications for primary
care**



Family & Community Medicine
UNIVERSITY OF TORONTO

Ontario College of
Family Physicians



Evolving evidence on COVID-19 transmission and vaccination and implications for primary care

Moderator: Dr. Tara Kiran

Fidani Chair, Improvement and Innovation

Department of Family and Community Medicine, University of Toronto

Panelists:

- Dr. Peter Juni, Toronto, ON
- Dr. Allison McGeer, Toronto, ON
- Dr. David Kaplan, Toronto, ON
- Dr. Liz Muggah, Ottawa, ON

This one-credit-per-hour Group Learning program has been certified by the College of Family Physicians of Canada and the Ontario Chapter for up to 1 Mainpro+ credits.

The COVID-19 Community of Practice for Ontario Family Physician includes a series of planned webinars. Each session is worth 1 Mainpro+ credits, for up to a total of 26 credits.

Land Acknowledgement

We acknowledge that the lands on which we are hosting this meeting include the traditional territories of many nations.

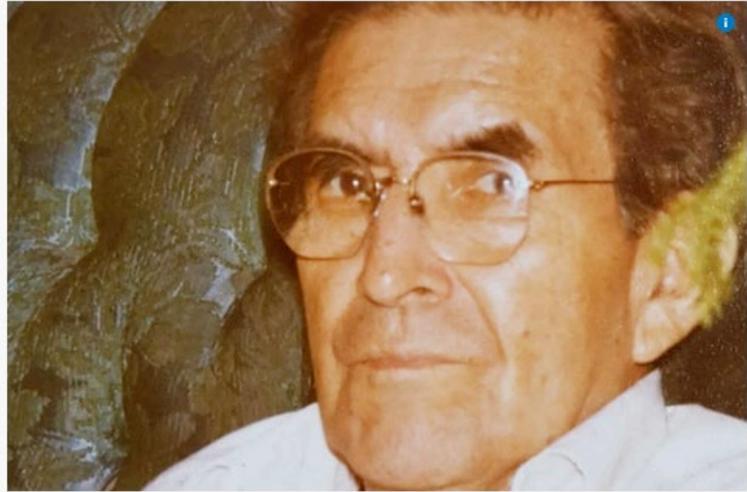
The OCFP and DFCM recognize that the many injustices experienced by the Indigenous Peoples of what we now call Canada continue to affect their health and well-being. The OCFP and DFCM respect that Indigenous people have rich cultural and traditional practices that have been known to improve health outcomes.

I invite all of us to reflect on the territories you are calling in from as we commit ourselves to gaining knowledge; forging a new, culturally safe relationship; and contributing to reconciliation.



Seven of my grandfather's siblings lay in residential school graves. The 215 children found confirms what Indigenous people have known about Canada

By Dr. Suzanne Shoush Contributor
Tue., June 1, 2021 | 5 min. read
Article was updated 1 day ago



<https://www.thestar.com/opinion/contributors/2021/06/01/seven-of-my-grandfathers-siblings-lay-in-residential-school-graves-the-215-children-found-confirms-what-indigenous-people-have-known-about-canada.html>



INDIAN RESIDENTIAL
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WE ARE A PROVINCIAL ORGANIZATION WITH A 20-
YEAR HISTORY OF PROVIDING SERVICES TO INDIAN
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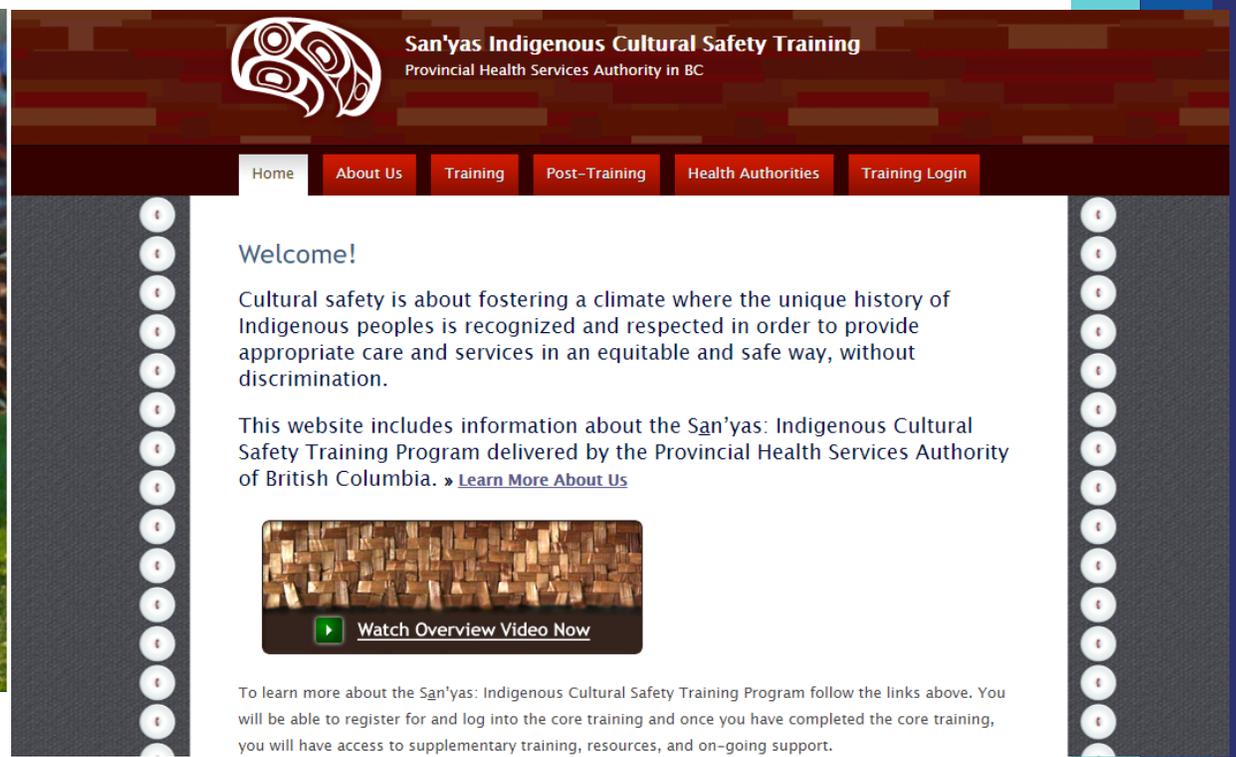
<https://www.irsss.ca/>



Hope for Wellness Help Line:

<https://www.hopeforwellness.ca/>

Toll-free help line at 1-855-242-3310



San'yas Indigenous Cultural Safety Training
Provincial Health Services Authority in BC

- Home
- About Us
- Training
- Post-Training
- Health Authorities
- Training Login

Welcome!

Cultural safety is about fostering a climate where the unique history of Indigenous peoples is recognized and respected in order to provide appropriate care and services in an equitable and safe way, without discrimination.

This website includes information about the San'yas: Indigenous Cultural Safety Training Program delivered by the Provincial Health Services Authority of British Columbia. » [Learn More About Us](#)



To learn more about the San'yas: Indigenous Cultural Safety Training Program follow the links above. You will be able to register for and log into the core training and once you have completed the core training, you will have access to supplementary training, resources, and on-going support.

San'yas Indigenous Cultural Safety
Training:

<https://www.sanyas.ca/training/ontario/cs-enhanced-health>

Changing the way we work

A community of practice for family physicians during COVID-19

At the conclusion of this series participants will be able to:

- Identify the current best practices for delivery of primary care within the context of COVID-19 and how to incorporate into practice.
- Describe point-of-care resources and tools available to guide decision making and plan of care.
- Connect with a community of family physicians to identify practical solutions for their primary care practice under current conditions.

Previous webinars & related resources:

<https://www.dfcu.utoronto.ca/covid-19-community-practice/past-sessions>

Disclosure of Financial Support

This CPD program has received in-kind support from the Ontario College of Family Physicians and the Department of Family and Community Medicine, University of Toronto in the form of logistical and promotional support.

Potential for conflict(s) of interest:

N/A

Mitigating Potential Bias

- The Scientific Planning Committee has full control over the choice of topics/speakers.
- Content has been developed according to the standards and expectations of the Mainpro+ certification program.
- The program content was reviewed by a three-member national/scientific planning committee.

Planning Committee: Dr. Tara Kiran, Patricia O'Brien (DCFM), Leanne Clarke (OCFP), Susan Taylor (OCFP) and Mina Viscardi-Johnson (OCFP), Liz Muggah (OCFP)



Dr. Peter Juni– Panelist

Director of the Applied Health Research Centre (AHRC), St. Michael's Hospital, and Scientific Director of Ontario COVID-19 Science Advisory Table



Dr. Allison McGeer – Panelist

Infectious Disease Specialist, Mount Sinai Hospital



Dr. David Kaplan – Co-Host

Twitter: @davidkaplanmd

Family Physician, North York Family Health Team and Chief, Clinical Quality, Ontario Health - Quality



Dr. Liz Muggah – Co-Host

Twitter: @OCFP_President

OCFP President, Family Physician, Bruyère Family Health Team

Speaker Disclosure

- Faculty Name: **Dr. Peter Juni**
- Relationships with financial sponsors: Amgen, Ava, Fresenius
 - Grants/Research Support: Appili Therapeutics
 - Speakers Bureau/Honoraria: Amgen, Fresenius
 - Others: Appili Therapeutics, Abbott Vascular, Terumo

- Faculty Name: **Dr. Allison McGeer**
- Relationships with financial sponsors: Novavax, Medicago, Sanofi-Pasteur, GSK, Merck
 - Grants/Research Support: Sanofi-Pasteur, Pfizer
 - Speakers Bureau/Honoraria: Moderna, Pfizer, Astrazeneca, Novavax, Medicago, Sanofi-Pasteur, GSK, Merck
 - Others: N/A

- Faculty Name: **Dr. David Kaplan**
- Relationships with financial sponsors:
 - Grants/Research Support: N/A
 - Speakers Bureau/Honoraria: Ontario College of Family Physicians
 - Others: Ontario Health (employee)

Speaker Disclosure

- Faculty Name: **Dr. Liz Muggah**
- Relationships with financial sponsors:
 - Grants/Research Support: N/A
 - Speakers Bureau/Honoraria: Ontario College of Family Physicians
 - Others: N/A

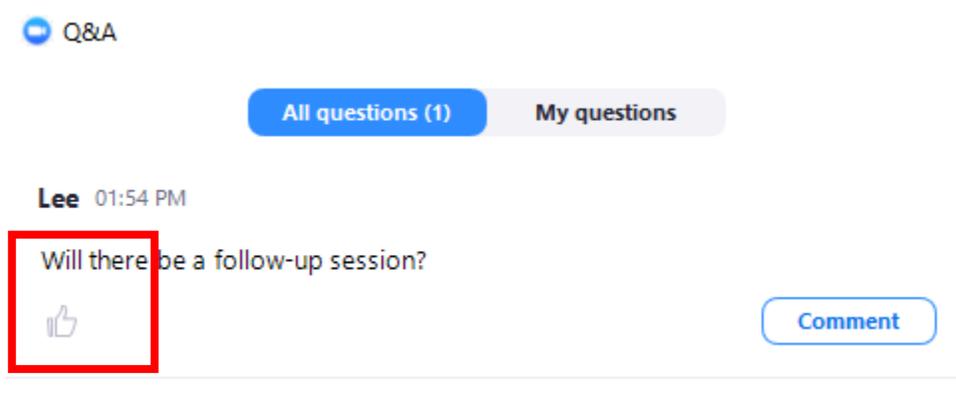
- Faculty Name: **Dr. Tara Kiran**
- Relationships with financial sponsors:
 - Grants/Research Support: St. Michael's Hospital, University of Toronto, Health Quality Ontario, Canadian Institute for Health Research, Toronto Central LHIN, Toronto Central Regional Cancer Program, Gilead Sciences Inc.
 - Speakers Bureau/Honoraria: N/A
 - Others: N/A

How to Participate

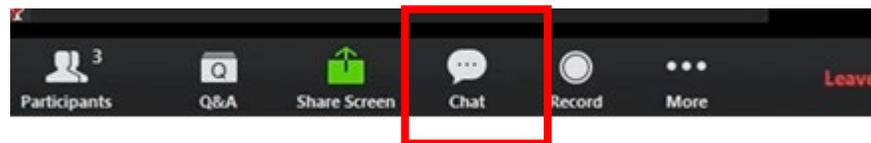
- All questions should be asked using the Q&A function at the bottom of your screen.



- Press the thumbs up button to upvote another guests questions. Upvote a question if you want to ask a similar question or want to see a guest's question go to the top and catch the panels attention.



- Please use the chat box for networking purposes only.





Dr. Peter Juni– Panelist

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Risk of VITT after AstraZeneca vaccine doses

Date in 2021	Number reported cases VITT	First/second doses AZ administered	UK estimated rate of VITT post AZ	UK assessment
24 Mar	30	18M/-	1 st dose: 1 in 624,000	Background rate, no elevated risk
21 Apr	209		1 st dose: 1 in 250,000	
7 May			1 st dose <50y: 1 in 55,000 1 st dose >50y: 1 in 100,000 2 nd dose: 1 in 1,000,000	Adults under 40 should not receive first dose AstraZeneca
3 June	348/18	24M/13M	2 nd dose: 1 in 600,000	

- Denmark/Norway: 1st dose: 1 in 25,000; no age trend
- Canada: 1st dose: 1 in 59,000; no age trend

Vaccine effectiveness against variants (UK)

Vaccine		Vaccine efficacy: B.1.1.7	Vaccine efficacy: B.1.617.2
Pfizer :	one dose	49 (42-55)	33 (8.3-51)
	two doses	87 (83-90)	81 (71-88)
AstraZeneca:	one dose	51 (47-55)	33 (19-44)
	two doses	66 (54-75)	60 (29-77)

Comparison of Alpha and Delta variants

Characteristic	Delta (B.1.617.2) versus Alpha (B.1.1.7)
Secondary attack rate: Household contacts Non-household contacts	Delta 13.6% vs. Alpha 9.0% Delta 6.3% vs. Alpha 4.6%
Sequential interval	Median 4 days; No difference in median/distribution
Risk of hospitalization	England: Delta HR 2.6 (95% CI 1.6-4.4) Scotland: Delta HR 2.4 (95% CI 1.7-3.3)

Second doses

- Timing – 4 wks/8 wks/12 wks/16 wks
 - From other vaccines
 - Antibody levels increase over time from first dose for several weeks
 - Boosting better if 2nd dose “later” (2 months or 6 months vs 1 month)
 - Not much data, and no systematic study week by week (usually not relevant)
 - **SO:**
 - **Any time 4 weeks or after is ok**
 - **8 weeks or after is better, no upper limit**
- NACI recommendations on interchangeability
 - After 1st dose of AstraZeneca, 2nd dose can be either AstraZeneca or an mRNA vaccine
 - mRNA vaccines can be interchanged for the second dose if needed
- Choices of priority for second dose
 - Older adults – because older adults have more severe disease/lower Ab titers
 - Younger adults – because they are responsible for spread
 - Hot spots of B.1.617.2

Myocarditis

- Myocarditis after Pfizer vaccine
 - Israel reporting excess rates of myocarditis in young men
 - 5-25x the expected population rate
 - 1 in 4500 in 16-25yo males
 - Most cases mild
 - 2 deaths reported, but it is not clear that these cases were myocarditis or vaccine related.
 - Appears to be a signal in the US military
 - Possible signal in CANVAS surveillance in Canada

Myocarditis - II

- Onset median 4 days post vaccination; mostly male; mostly 2nd dose
- Investigate if acute chest pain, shortness of breath, or palpitations in younger adults post-vaccination;
- Obtain: ECG, troponin, CRP or ESR – if all normal, very unlikely to be myocarditis
- For suspect cases:
 - Consult cardiology for management
 - Consider rheumatology and infectious disease consults to rule out other causes

<https://www.cdc.gov/vaccines/covid-19/clinical-considerations/myocarditis.html>

Answers to Frequently Asked Questions about Long COVID

April 1, 2021

Many patients report lasting effects after acute symptoms of COVID-19. **Long COVID** describes the experience of prolonged illness and an array of symptoms that evolve over time by persons who have had COVID-19 infection. The OCFP has compiled this resource to help answer common questions about long COVID and to support family physicians who may be caring for COVID "long-haulers."

On February 19, 2021, the [COVID-19 Community of Practice for Family Physicians](#) hosted leading long COVID researcher and Oxford University professor, Dr. Trish Greenhalgh, to share lessons from the U.K. Here is a [recording of the Feb 19 session](#), which was one source of the questions here, as well as a [BMJ article](#) on management of post-acute COVID-19 in primary care, also referenced below, co-authored by Dr. Greenhalgh.

- **Is a positive COVID test required for diagnosing long COVID?**

Testing or a positive test is not required for a diagnosis of long COVID. Long COVID can be diagnosed clinically based on history alone. A negative anti-body test does not exclude long COVID.

- **What are the symptoms of long COVID?**

The symptoms associated with long COVID are varied and many. Most commonly, these include cough, low-grade fever and fatigue, all of which may relapse and remit, according to [research published in BMJ](#), which includes a fuller list of symptoms. In [another study in younger to mid-aged patients](#) (median age 44), common symptoms have been identified to include: fatigue (98%), muscle ache (88%), shortness of breath (87%), and headache (83%). Functional impairment has also been noted as a common symptom of long COVID.

- **Is long COVID contagious?**

Most people with long COVID are not contagious. It is uncertain whether long COVID is persistent infection, re-infection, an autoimmune reaction, or another condition. For some people, it may be a combination of these scenarios. Re-testing for COVID-19 should be considered if acute symptoms arise, such as loss of taste and smell, and a cough, fever or other symptoms of respiratory infection.

- **Are there any preventative measures for long COVID?**

<https://www.ontariofamilyphysicians.ca/tools-resources/covid-19-resources/long-covid-qa.pdf>

COVID-19 Community of Practice – February 19, 2021

Changing the way we work: Long Covid and lessons from the UK

* Recording, Resource List and Q&A available

Changing the way we work: Long COVID and lessons from the UK (February 19, 2021)



Special guest:

- Dr. Trish Greenhalgh, Professor of Primary Care Health Sciences, Oxford University, Oxford, UK

Other panelists:

- Dr. Daniel Warshafsky, Senior Medical Consultant at the Office of the Chief Medical Officer of Health, Toronto, ON
- Dr. David Kaplan, Family Physician, North York Family Health Team and Chief, Clinical Quality, Ontario Health, Toronto, ON
- Dr. Liz Muggah, OCFP President, Family Physician, Bruyère Family Health Team, Ottawa, ON

<https://www.dfc.m.utoronto.ca/covid-19-community-practice/past-sessions>

NICE National Institute for Health and Care Excellence

[NICE Pathways](#) | [NICE guidance](#) | [Standards and indicators](#) | [Evidence search](#) | [BNF](#) | [BNFC](#) | [CKS](#) | [Journals and databases](#)

[Read about our approach to COVID-19](#)

Home > NICE Guidance > Conditions and diseases > Infections > COVID-19

We are reviewing these guidelines as new evidence, policy and practice emerges: [give us your feedback](#).

COVID-19 rapid guideline: managing the long-term effects of COVID-19

NICE guideline [NG188] | Published: 18 December 2020

<https://www.nice.org.uk/guidance/ng188>

COVID-19 Vaccine Access Hub

COVID-19 Vaccine Access Hub

A guide to accessing COVID-19 vaccines in Toronto & the GTA

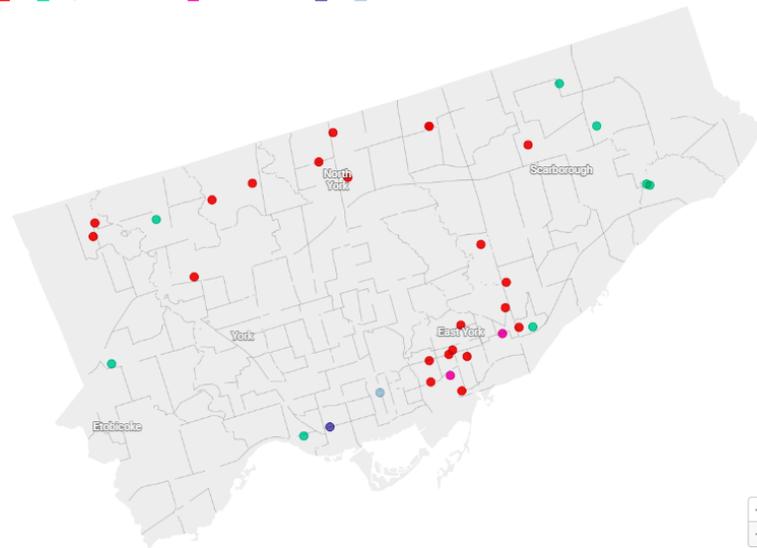
[HOW TO BOOK DOSE 1](#) [HOW TO BOOK DOSE 2](#) [POP-UP CLINIC MAPS](#) [ABOUT](#) [COVID-19 Resources](#)



Toronto Pop-Up/Mobile COVID-19 Vaccination Clinics - Updated June 3, 2021

For more information on COVID-19 vaccine booking in Toronto & the GTA: <https://covid19vaccineaccess.wixsite.com/mysite/>

■ 12+ ■ 12+, postal code restrictions ■ 12+, school restrictions ■ 18+ ■ 18+, restrictions



[Get the data](#) - [Embed](#) - [Download image](#) - Created with [Datawrapper](#)

<https://covid19vaccineaccess.wixsite.com/mysite>

<https://bit.ly/vaccinebulletin>



HEALTH REPORT MANAGER



Patient Benefits

- Improved transitions, coordination of care and patient safety
- Faster follow-up after hospitalizations to reduce the complications or re-admissions

Practice Benefits

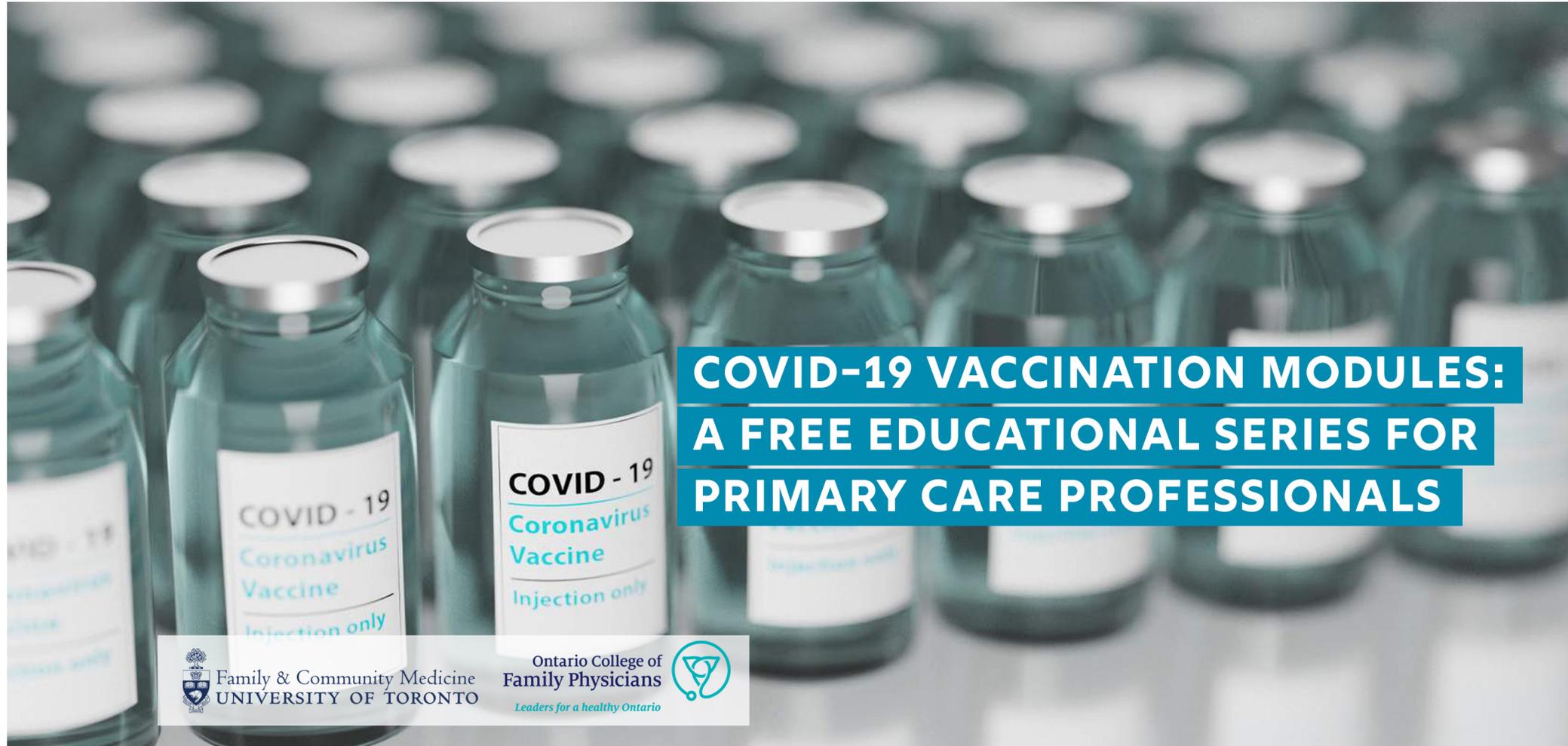
- ***New:** COVID-19 vaccination reports delivered by HRM
- Notifications of positive COVID-19 lab results available in OLIS
- Information on patient hospital visits arrives sooner
- Saves time: 30 minutes of clinic time per day
- Administrative cost avoidance (handling paper, scanning) and operational savings (paper, toner, etc.)

How can I get HRM?

- If you are a clinician and use a certified EMR, contact OntarioMD at support@ontariomd.com and ask for access to HRM



COVID-19 Vaccination in Canada: an educational series for primary care professionals



<https://www.dfcu.utoronto.ca/covid19-vaccination-modules>

* Updated May 17, 2021

Questions?

Webinar recording and curated Q&A will be posted soon

<https://www.dfcu.utoronto.ca/covid-19-community-practice/past-sessions>

Our next Community of Practice: **June 18, 2021 0800**

Contact us: ocfpcme@ocfp.on.ca

Visit: <https://www.ontariofamilyphysicians.ca/tools-resources/covid-19-resources>

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Post session survey will be emailed to you. Certificates will be emailed in approximately 1 week.