COVID-19 and Measles Updates, and Supporting Primary Care

Feb 23, 2024

Dr. Megan Devlin
Dr. Elizabeth Muggah
COVID-19 and Measles Updates, and Supporting Primary Care

Moderator:

• Dr. Eleanor Colledge, CPD Program Director, University of Toronto and Family Physician, South East Toronto Family Health Team, Toronto, ON

Panelists:

• Dr. Megan Devlin, London, Ontario
• Dr. Elizabeth Muggah, Ontario

Host:

• Dr. Mekalai Kumanan, Cambridge, ON

The COVID-19 Community of Practice for Ontario Family Physicians is a one-credit-per-hour Group Learning program that has been certified for up to a total of 32 credits.
We acknowledge that the lands on which we are hosting this meeting include the traditional territories of many nations.

The OCFP and DFCM recognizes 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 respects 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.
Federal housing advocate says Indigenous people grossly overrepresented in Canada’s homeless population

By Fraser Needham
Feb 15, 2024

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.

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 (DFCM), Dr. Mekalai Kumanan (OCFP), Dr. Ali Damji (DFCM), Dr. Eleanor Colledge (DFCM) Dr. Harry O’Halloran, Mina Viscardi-Johnson (OCFP), Julia Galbraith (OCFP), Pavethra Yogeswaran (OCFP), Marisa Schwartz (DFCM), Erin Plenert (DFCM)

Previous webinars & related resources:
https://www.dfcm.utoronto.ca/covid-19-community-practice/past-sessions
Dr. Megan Devlin – Panelist
Infectious Disease Physician, St. Joseph's Health Care and London Health Sciences Centre; Assistant Professor, Infectious Diseases, Western University

Dr. Elizabeth Muggah – Panelist
Twitter: @ElizabethMuggah
Senior Clinical Advisor, Primary Care, Population Health and Value-based Health Systems, Ontario Health

Dr. Mekalai Kumanan – Host
Twitter: @MKumananMD
President, Ontario College of Family Physicians
Family Physician, Two Rivers Family Health Team
Deputy Chief of Family Medicine, Cambridge, ON
Speaker Disclosure

• Faculty Name: **Dr. Megan Devlin**
  • Relationships with financial sponsors:
    • Grants/Research Support: N/A
    • Speakers Bureau/Honoraria: Pfizer, Viiv, Ontario College of Family Physicians
    • Membership on advisory boards: N/A
    • Others: N/A

• Faculty Name: **Dr. Liz Muggah**
  • Relationships with financial sponsors:
    • Grants/Research Support: N/A
    • Speakers Bureau/Honoraria: N/A
    • Others: Ontario Health

• Faculty Name: **Dr. Mekalai Kumanan**
  • Relationships with financial sponsors:
    • Grants/Research Support: N/A
    • Speakers Bureau/Honoraria: Ontario College of Family Physicians
    • Others: Deputy Chief of Family Medicine, Cambridge Memorial Hospital

• Faculty Name: **Dr. Eleanor Colledge**
  • Relationships with financial sponsors:
    • Grants/Research Support: N/A
    • Speakers Bureau/Honoraria: Ontario College of Family Physicians
    • 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. Megan Devlin – Panelist
Infectious Disease Physician, St. Joseph's Health Care and London Health Sciences Centre; Assistant Professor, Infectious Diseases, Western University

Dr. Elizabeth Muggah – Panelist
Twitter: @ElizabethMuggah
Senior Clinical Advisor, Primary Care, Population Health and Value-based Health Systems, Ontario Health

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Family Physician, Two Rivers Family Health Team
Deputy Chief of Family Medicine, Cambridge, ON
What’s new in COVID & Measles

Megan Devlin, MD, FRCPC
Assistant Professor, Infectious Diseases
Community of Practice Rounds
February 23, 2024
Objectives

1. Review current epidemiology of respiratory viruses in Ontario
2. Communicate new research and/or guidance related to COVID
3. Provide an update on Measles
COVID-19 Wastewater Signal - Ontario

(published: February 15, 2024)

*Exception North West
Circulating Respiratory Virus

COVID-19
Percent positivity: Low
Weekly indicator change: Lower

Influenza
Percent positivity: Low
Weekly indicator change: Lower

Percent positivity:
- <10.0%
- 10.0% - 16.9%
- 17.0% - 24.9%
- ≥25.0%

What was happening this time last year?

Figure 1a: Historic and projected SARS-CoV-2 activity (percent positivity) in Ontario
Starting in the spring of 2024, NACI recommends that the following individuals who are at increased risk of severe illness from COVID-19 may receive an additional dose of XBB. 1.5 COVID-19 vaccine:

- Adults 65 years of age and older.
- Adult residents of long-term care homes and other congregate living settings for seniors
- Individuals 6 months and age and older who are moderately to severely immunocompromised (due to an underlying condition or treatment)
Early Estimates of VE for 2023-2024

Updated (2023-24) COVID-19 vaccines provide protection against JN.1 and other circulating variants

Adults who received an updated vaccine were less likely to have symptomatic illness*

* Among 9,222 eligible adults aged ≥18 years who received an updated vaccine compared with those who had not — Increasing Community Access to Testing (ICATT) program, September 23, 2023–January 14, 2024

Link-Gelles R. MMWR. Feb 2024.
Vaccination and Pregnancy

- Neonatal Outcomes After COVID-19 Vaccination in Pregnancy

Figure 2. Time to Death in Liveborn Infants Exposed or Unexposed to mRNA COVID-19 Vaccine in Pregnancy in Sweden and Norway

- Time to neonatal death (<28 d) in Sweden
- Time to neonatal death (<28 d) in Norway

Measles Update
2023 Epidemiology

Measles has exploded in Europe. Clinicians say it's only a matter of time before outbreaks hit Canada.

Global travel, slumping vaccination rates have led to post-pandemic infections surge.

Measles cases—WHO European Region, January–December 2023

Worldwide

<table>
<thead>
<tr>
<th>Rank</th>
<th>Country</th>
<th>Number of Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yemen</td>
<td>18,464</td>
</tr>
<tr>
<td>2</td>
<td>Azerbaijan</td>
<td>13,721</td>
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<tr>
<td>3</td>
<td>Kazakhstan</td>
<td>13,195</td>
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<tr>
<td>4</td>
<td>India**</td>
<td>12,301</td>
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<td>5</td>
<td>Ethiopia</td>
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<td>6</td>
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<td>7,601</td>
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<td>8</td>
<td>Pakistan</td>
<td>7,027</td>
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<tr>
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<td>Kyrgyzstan</td>
<td>5,777</td>
</tr>
<tr>
<td>10</td>
<td>Indonesia</td>
<td>3,205</td>
</tr>
</tbody>
</table>
2024

Toronto infant hospitalized with confirmed measles case, public health agency says

Toronto Public Health investigating those who may have been exposed to the virus

CBC News · Posted: Feb 16, 2024 3:31 PM EST | Last Updated: February 16

US in 2024: 20 cases

Arizona, California, Georgia, Maryland, Minnesota, Missouri, New Jersey, New York City, Ohio, Pennsylvania, and Virginia
Clinical Measles

- High $R_0$
- Incubation period ~ 10 day
- Prodrome of fever, 3 Cs, Some Ks
- Cephalocaudal Rash
- Complications

Strebel P. NEJM. 2019.
Who is Measles Immune?

- **Routine Childhood Immunization** (2 doses of MMR)
- **Adults born on or after 1970**: 1 dose of MMR, unless high risk group*, then 2 doses
- **Born before 1970**: 0 dose of MMR, unless high risk group*, 1 dose if traveling, 2 if HCW

*Health Care Worker, traveler outside Canada, Military, Student in post-secondary education

Measles Testing and PEP

- Sample Collection:
  - NP swab or Throat for PCR
  - Urine for PCR
- Serology: Measles IgM
- PEP: <72 h MMR, up to 6 days Human Immunoglobulin
Summary

- COVID and Influenza rates decreasing in most areas of Ontario
- Benefits for vaccination (Symptomatic illness, Pregnancy)
- Be prepared for Measles in the post-COVID era
Resources

- Measles for Health Professionals (Toronto Public Health) - https://www.toronto.ca/community-people/health-wellness-care/information-for-healthcare-professionals/communicable-disease-info-for-health-professionals/measles-info-for-health-professionals/


Long COVID Clinic at SJHC

- London/Middlesex since 2021

- Allied Health:
  - Rehabilitation Team - OT/PT/SLP/SW
  - Psychiatry (previously Psychology/Neuropsychiatry)
  - Respirology
  - General Internal Medicine
  - (ENT/Cardiology/Neurology)

Changing the Way We Work
Community of Practice

Update from Ontario Health: Primary Care

Dr Liz Muggah | 23 February 2024
Primary Care and your work matters

"Strong Primary Care is the foundation of all high performing health systems"

Ontario Health Vision, Mission, Values

Ontario Health is an agency created by the Government of Ontario to oversee health care planning and delivery across the province to build a person-centred health care system.

Our Vision
(What we aspire to be)
Together, we will be a leader in health and wellness for all.

Our Mission
(Our purpose)
To connect the health system to drive improved and equitable health outcomes, experiences, and value.

Our Values
(How we will work together)
- Integrity
- Inspiration
- Tenacity
- Humility
- Care
Many teams across Ontario Health are directly involved in or contribute to primary care-related work. This graphic represents the partnership between Ontario Health Regions and the Primary Care Provincial Program.
Ontario Health Primary Care Engagement Tables

External Primary Care Engagement
- Primary Care Collaborative (OCFP, AFHTO, NPLC, IHPHCC, SGFP)
- Ontario Primary Care Council (OHT Leaders)

Ontario Health Primary Care Program

OH Primary Care Tables
- MOH-OH Primary Care Steering Committee
- Ontario Health Primary Care Clinical Leadership Table
- Primary Care Quality Advisory Committee
- Primary Care Integrated Reporting Advisory Committee
Current State
A fragmented primary care sector whose design and resourcing cannot meet the population demand for access to care

Our Shared Future
A primary care system that is robust, equitable, connected, integrated and locally responsive, where all Ontarians have access to comprehensive primary care
Ontario Health’s 2023/2024 Primary Care Key Objectives

- **Stabilize & EXPAND** capacity and access to comprehensive primary care supported by interprofessional teams.

- **MEASURE** and optimize the quality, equity, and performance of primary care to improve value.

- **CONNECT** and integrate primary care within Ontario Health Teams to improve coordination of care.

**Focus on Reducing Inequities**
OH & Interprofessional Primary Care Teams (FHT, CHC, NPLC)

A supportive and collaborative relationship that continuously strives to identify opportunities to advance the delivery of comprehensive primary health care across the province

- **Data opportunities:**
  To better understand communities and local health ecosystem, help inform practice and planning, and ensure your contributions are accurately captured.

- **Aligning priorities:**
  Optimizing supports and infrastructure with stronger alignment and connections to the regions and OHTs.

- **Promoting access to quality care:**
  Opportunity to support IPC teams improve access to care for patients, families, communities, etc. Stabilizing and expanding capacity to optimize the quality of care.
Expansion of Interprofessional Primary Care Teams

- On February 1, 2024, Ontario Health Minister Sylvia Jones announced $90M for 78 new and expanded interprofessional primary care teams.

- An additional $20 million was announced to help existing interprofessional primary care teams meet increased operational costs.

- Ontario Health will support the expansion of these teams.

- Comprehensive, tailored implementation resources will be provided to ensure the teams, local Ontario Health Teams, and communities are supported.
OHTs & Primary Care Networks

**Vision:** PCNs will connect, integrate and support primary care clinicians within OHTs to improve the delivery and coordination of care for patients.

**Functions:**

1. Connects primary care within the OHT
2. Acts as primary care voice in OHT decision-making
3. Supports primary care to advance OHT clinical change management and population health management approaches that relate to primary care
4. Facilitates access to clinical supports and improvements for primary care
5. Supports local primary care HHR planning with the OHT

**Clinical Priorities:**

- Access and attachment to comprehensive primary care, with a focus on equity-deserving populations (e.g. Indigenous, Black, Francophone, etc.)
- Integrated chronic disease prevention and management, with a focus on equity-deserving populations (e.g. Indigenous, Black, Francophone, etc.)
- Additional local priorities as defined by the OHT and PCN


Next Steps for PCN Development

- January 2024
  PCN Guidance document (including key PCN assumptions, functions, value proposition, etc.) and Readiness Assessment template released to all OHTs in following provincial webinar in Jan 2024

- Initial 12 OHTs will be expected to complete the following activities:
  - Complete PCN readiness assessment using a template provided by OH (due by March 1st, 2024)
  - Develop an action plan to modify the OHT's existing primary care structure to align with PCN Guidance (plan due by April 26th, 2024)

- All other OHTs will be expected to:
  - Continue to engage primary care as per current TPAs, with the goal of aligning with PCN Guidance, over time
  - Consider PCN readiness assessment using template provided by OH (OH welcoming submissions from all OHTs, not just Initial 12)
Advancing this program will require:

A **clinically led** system approach and **transformational change** to how providers communicate across the health system and are supported to provide connected and coordinated care for their patients.
"the truth is that transformation isn’t top-down or bottom-up, but happens from side-to-side. Change never happens all at once and can’t simply be willed into existence"

-Gret Satell
Questions?

Elizabeth.Muggah@ontariohealth.ca
primarycareprogram@ontariohealth.ca
# RECENT SESSIONS

<table>
<thead>
<tr>
<th>Date</th>
<th>Session Title</th>
<th>Speakers</th>
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| October 6  | **Update on COVID-19, influenza and RSV vaccines**                            | Dr. Zain Chagla  
Dr. Elizabeth Muggah |
| September 15| **Preparing for the fall**                                                    | Dr. Kieran Michael Moore  
Dr. Daniel Warshafsky |
| December 15| **Winter virus season and Changes to breast cancer screening in Ontario**     | Dr. Allison McGeer  
Dr. Jonathan Isenberg  
Dr. Anna M. Chiarelli  
Maggie Keresteci |
| January 19 | **COVID-19 Updates and Managing Respiratory Illness in Kids**                | Dr. Alon Vaisman  
Dr. Tasha Stoltz |
| February 9 | **Long COVID and Lipid Guidelines**                                          | Dr. Kieran Quinn  
Dr. Michael Kolber |

Previous webinars & related resources:  
Accessing Previous Sessions and Self Learning

Previous webinars & related resources
https://www.dfcm.utoronto.ca/covid-19-community-practice/past-sessions

Self-learning program

The COVID-19 GP session materials, including recordings, tools, and resources are available as self-learning modules.

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 0.5 credits.

To participate in this self-learning:
- Select the data/sessions you wish to participate in. You are welcome to complete as many sessions as you wish.
- Watch the video recording of the five sessions.
- Review the session tools and resources.
- Complete the self-learning post-session activity, click the button below.

Complete self-learning activity!

Past sessions

Each item below includes session details, the webinar recording and linked resources.

- Winterukes season and changes to breast cancer screening in Ontario (Dec 15, 2020)
- COVID-19 Updates and the New Ontario Structured PsycSothyrapy Program (Nov 17, 2020)
- Respiratory and Flu Season: Counselling Kids and Balancing Workload (Oct 27, 2020)
- Update on COVID-19, influenza and RSV vaccines (Oct 6, 2023)
- Preparing for the Fall (Sept 15, 2023)
- COVID Updates and Addressing Physician Burnout (July 20, 2023)
Nominate a colleague for an OCFP Award starting on February 29!

- Celebrate their dedication
- Recognize their impact
- Inspire others
Questions?

Webinar recording and curated Q&A will be posted soon
https://www.dfcm.utoronto.ca/covid-19-community-practice/past-sessions

Our next Community of Practice: March 22, 2024

Contact us: ocfpcme@ocfp.on.ca

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

The COVID-19 Community of Practice for Ontario Family Physicians is a one-credit-per-hour Group Learning program that has been certified for up to a total of 32 credits.

Post session survey will be emailed to you. Mainpro+ credits will be entered for you with the information you provided during registration.