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Briefing Note:

Expression of Interest (EOI) for Limited Production Release (LPR):

1. Primary Care Information Exchange (PCIE)
2. E-Ordering Using OLIS-MORE

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Primary Care Information Exchange (PCIE) LPR	e-Ordering LPR
1.0 Background- PCIE Ontario Health Teams (OHTs) have expressed they are facing barriers in sharing data between various sectors such as community, hospitals, and primary care. A major gap lies with the sharing of primary care data for a patient's continuity of care. A few OHTs have attempted to address data gaps by creating their own solutions to share data, which may not be aligned with Ontario Health provincial strategy and the Digital Health blueprint. Based on this need to address primary care data gap, Ontario Health (OH) has embarked on a journey to define the Primary Care Information Exchange (PCIE) Strategy & Roadmap, with an overarching goal to establish a PCIE Program. In developing this strategy and roadmap, OH with the 3rd party vendor actively engaged a diverse range of primary care stakeholders across the province, conducted national and global environmental scans of best practices, and lessons learned from past primary care data exchange initiatives. The PCIE strategy provides recommendations and initiatives that the program will strive to build, advance, and optimize through the execution of the PCIE roadmap with the aim to realize clinical benefits: - Contribute primary care data to a provincial clinical repository, to support the goal of creating a single EHR for the patient. - Securely share primary care information within patient's circle of care to support care coordination and continuity of care. - Accelerate the ability to collect data for health system planning and quality improvement: Collect Once Use Many Times - Reduce administrative burden and evaluate the potential of PCIE to reduce workload associated with coordination of care The PCIE strategy aligns with a broader clinically led digital initiative to improve and expand digital healthcare solutions that alleviate the most burdensome administrative tasks faced by providers and their patients. The aims of this broader program of work are to reduce provider burnout, improve access to and coordination of care for patients, lower system cost due to improved efficiency, improve health outcomes through releasing more time to focus on the provision of quality care, and ensure solutions advance equity of care. By advancing towards a single EHR for the patient, supporting care coordination and continuity of care through the secure exchange of primary care information,	**1.0 Background – e-Ordering** In July 2021, the purpose of the provincial e-Ordering Working Group (co-chaired by Ontario Health and the e-Services Program) was to establish a collaboration amongst stakeholders to identify the requirements and needs for digital ordering to be successful in Ontario. Digital ordering was considered for both diagnostic imaging and laboratory testing and was largely focused on improving the experience for patients and providers in the community, namely Primary Care. Between July 2021 and January 2022, the working group worked to develop recommendations for e-Ordering in Ontario, building on what's working and moving forward with recommendations for what could be improved. The recommendations will be used to guide the e-Services Program and Ontario Health with further planning and implementation of e-Ordering in Ontario.

and reducing administrative burden, the PCIE roadmap supports these broader goals. The roadmap has been proposed in three phases and is expected to span multiple years. Discussions ongoing with MOH and OH determine PCIE end state vision. Phase 1: LPR (2023 to 2024) - BUILD - Test the technical feasibility of PCIE: Submission of the Ontario Patient Summary Release 1 (PS-ON): Medication Summary, Allergies and Intolerances, Problem List, Immunizations, History of Procedures and Past History of Illness. - Refine the digital workflows associated with PCIE - Understand the type of data in primary care EMRs - Understand and refine the value prop for both the contributing and receiving providers - Understand the change management and data quality supports required at scale - Understand and refine the onboarding and ongoing support required for PCIE participants - lessons learned that will inform and shape subsequent phases of the roadmap Phase 2: LPR + (2024 to 2025) - SCALE - to improve PCIE capabilities that were implemented in the "build" phase and roll-out PCIE to further cohorts provincially. - additional functionality could be added - expansion to the PCIE (patient summary) data standard based upon clinical engagement/feedback - additional use cases involving other points of service (home and community care, long term care, ED etc) Phase 3: Provincial Rollout (2025 & Beyond)- OPTIMIZE - to extend the reach of the PCIE Program and cohort implementations provincially. - Data collected through PCIE program will expand as the Patient Summary data set continues to evolve, unlocking new clinical use cases for both primary and secondary uses.	

2.0 Purpose PCIE LPR project to assist the province with the exchange of Primary Care EMR data to a provincial repository (PCIE CDR) for clinical use. PCIE Limited Production Release (LPR) intends to: ➢ be a "minimum viable product" (MVP) of a Patient Summary in consultation with clinicians ➢ Create initial insight into how a Patient Summary can be supported and integrated into the EMR workflow and at a hospital. ➢ Identify opportunities for better workflow optimization and automation through collaboration with the key stakeholders. With the above intent, OH would like to invite primary care providers (MDs, NPs) to participate in this LPR where the PCPs would be contributing their Patient Summaries to the PCIE clinical data repository. OH is working in collaboration with OntarioMD, EMR vendors who will provide required support (workflow optimization, change management, peer support, data sharing agreements, documentation for pre, during and post-deployment).	**2.0 Purpose** The Lab Digitization Program e-Ordering Project Team would like to invite physicians to participate in a 6-month limited production release (LPR) implementing and evaluating the digitized OHIP lab requisition form, available through the Ontario Laboratories Information System' Mobile Order & Result Entry (OLIS-MORE) application, launched from within physician EMRs. The form will be fully integrated with physician EMRs, utilizing single sign on (SSO) and patient context sharing management (CMS). Ontario Health is working in collaboration with the eHealth Centre of Excellence and Ontario MD to provide change management, technical and administrative support to assist physicians with the implementation and use of the digital OHIP form. The findings from this LPR will inform: ➢ The readiness of the OLIS-MORE solution for general availability ➢ The need for any immediate modifications ➢ The electronic requisition enhancement roadmap ➢ The provincial approach to the rollout of the digital OHIP requisition to the broader healthcare provider community in Ontario The e-Ordering Limited Production Release (LPR) intends to: ➢ Validate the "minimum viable product" (MVP) of the OLIS-MORE digitized OHIP requisition ➢ Gather feedback and user experience regarding the e-ordering process using the OLIS-MORE digitized OHIP requisition ➢ Identify opportunities for better workflow optimization and automation through collaboration with the participating labs, EMR vendors and physicians. This work contributes to a broader clinically led digital initiative to improve and expand digital healthcare solutions that alleviate the most burdensome administrative tasks faced by providers and their patients. The aims of this broader program of work are to reduce provider burnout, improve access to and coordination of care for patients, lower system cost due to

	improved efficiency, improve health outcomes through releasing more time to focus on the provision of quality care, and ensure solutions advance equity of care. By advancing digital ordering with an aim to identify opportunities for better workflow optimization and automation, this Limited Production Release (LPR) supports these broader goals.
3.0 PCIE LPR Expression of Interest (EOI) for LPR participation can be submitted by: Solo practitioners, FHOs/FHTs, CHCs, NPLCs; with OHT affiliation (both contributor and consumer); 1 or more EMR vendors, HIS vendor (potential consumer). EOI is being sent hoping to get sites interested to participate in PCIE LPR and LPR+ and ensure voices engaged are representative across Ontario including respect and support for First Nations, Inuit, Métis and urban Indigenous Peoples', Francophones, and northern and rural groups to participate in PCIE.	**3.0 e-Ordering LPR** Expression of interest (EOI) for LPR participation is inclusive of: • Solo and/or group practitioner • Speciality practice or family medicine • 1 or more EMR vendors • Representation across Ontario including respect and support for First Nations, Inuit, and Métis Peoples', Francophones, and northern and rural groups **The participant selection will be based on:** • Representation of primary community labs enabled to support the digital ordering services (LifeLabs, Dynacare, Alpha Labs) • Use of a paper chart or a federated EMR • ONEID enrolment

4.0 Expression of Interest

Your partnership is critical to building Primary Care Information Exchange program as well as in enhancing the e-Ordering workflow. Proponents interested in participating in the PCIE LPR **and/ or** e-Ordering LPR should submit a completed EOI Application Form (Appendix A) to contact name & email: by Friday, August 11th, 2023.

Please note, depending on the number of applications received through the EOI, we may not be able to accept all interested proponents at this time.

For *PCIE LPR*: Duration of this LPR would be approximately 8 months with intermittent working sessions with the participating sites. Actual effort leading up to the site validation might require active participation for approximately 2- 4 weeks. There will be a nominal reimbursement to cover project related activities. After this LPR, there will be opportunities to participate in the subsequent phases of PCIE (LPR+, Provincial Rollout phases). There will be evaluation and lessons learnt opportunities at the end of each phase. Applicants who are not selected for this opportunity will also be notified by the OH team to discuss their future participation in the subsequent phases.

For the *e-Ordering LPR*, this is the only planned opportunity to participate in this type of exercise. Applicants who are not selected will be notified by the e-Ordering project team and will also be informed as to when to anticipate the digitized form being available to their region/practice.

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5.0 Timelines

For proponents that are interested in participating in one of both of the LPRs, please note the key activities and dates that are outlined in the table and figure below.

Table 1. Expression of Interest (EOI) Timelines

Activity	*Date*
EOI issued to: *AFHTO (FHTs), Alliance (CHCs) and OCFP/OMA (solo docs, FHOs).*	*Tuesday, July 11th 2023*
EOI submission deadline	*Friday, August 11th 2023*
Notification of successful EOI applicants	*Week of August 21st 2023*
Planning for implementation of: *PCIE LPR* *e-Ordering LPR*	 *PCIE LPR: FY 23/24 Q3/ Q4* *e-Ordering LPR: FY23/24 Q2*
Go-Live *PCIE LPR* *e-Ordering LPR*	 *PCIE LPR: FY 23/24 Q4* *e-Ordering LPR: FY23/24 Q3*

6.0 Contact Information

For more information on the PCIE LPR project, please contact:

- Aruna Peri, Sr. Lead, Technical Client Integration
  aruna.peri@ontariohealth.ca

For more information on the e-Ordering LPR project, please contact:

- Caroline Ouimet, Senior Program Manager, Lab Digitization Program
  caroline.ouimet@ontariohealth.ca

Appendix A:

PCIE LPR & e-Ordering LPR: EOI Application Form

Proponents interested in participating in either one or both the LPRs are asked to complete the following application form and return to aruna.peri@ontariohealth.ca for PCIE LPR and caroline.ouimet@ontariohealth.ca for eOrdering LPR by August 11th, 2023.

1.0 Name and Contact Information

Organization:	
Primary Contact Name and Position:	
Contact Email:	
Contact Phone:	

2.0 Site Dimensions and Considerations

1. Please identify your affiliation with OHT and describe which partners/organizations/providers will be participating in one or both of these LPRs, and each of their estimated monthly patient volumes.
2. Please briefly describe your organization in relation to the following dimensions: • Regional demographics of your attributed population (e.g., languages spoken, race, new immigrants, etc.) • Diversity and inclusion (e.g., engagement with populations that experience barriers to equal access/opportunities/resources, communities with high immigration rates and non-English speakers), and • Partnership with Indigenous communities/organizations.

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3. Please describe any existing communication channels (e.g., email, newsletters) that your organization uses to communicate with primary care practitioners (MDs, NPs). • Is there any data sharing agreement(s) that are currently in place?
4. <u>This question is specific to PCIE LPR applicants:</u> Please share any challenges/barriers that you have been experiencing/ anticipated at your organization in implementing this LPR (e.g., lack of data collection and reporting infrastructure, lack of structured EMR templates for documenting ease etc.).
5. <u>This question is specific to the e-Ordering LPR</u> applicants: Please share any challenges/barriers to implementing electronic orders through the EMRs or e-Faxing that are anticipated or have been experienced to date.
6. <u>This question is specific to PCIE LPR</u> applicants: What are the diagnostic coding practices (Ex: ICD-9, SNOMED-CT) with in your organization?

7. **OH will be working directly with the participating sites. How will your organization be involved and engage with primary care practitioners (MDs, NPs) in the planning, implementation and evaluation of the PCIE and/or e-Ordering LPR?**

2.0 Project Team

Please provide a point of contact for each organization/provider that will be participating in either or both of the LPRs.

Name:	**Role:**	**Organization:**	**Email:**

3.0 OH PCIE and e-Ordering Team Contact Information

For more information on the PCIE LPR project, please contact:

- Aruna Peri, Sr. Lead, Technical Client Integration
  aruna.peri@ontariohealth.ca

For more information on the e-Ordering LPR project, please contact:

- Caroline Ouimet, Senior Program Manager, Lab Digitization Program
  caroline.ouimet@ontariohealth.ca