

May 2024

OPOR Engagement Activities

OPOR Awareness Survey Snapshot

The OPOR Awareness Survey provided an opportunity to gather valuable data from physicians, providers, and employees at IWK Health and Nova Scotia Health. The survey included an opportunity to provide additional context, and we saw some common themes that will support our engagement activities.

The strongest theme that emerged has been concerns around understanding how OPOR will impact people's work. Over the next few months, as the design of the new Clinical Information System solidifies, we look forward to having those details for people. Changes will vary for different positions. For example, the functionality of the CIS will be different for a nurse than it will be for a registration clerk.

We will be holding virtual demos of different functionality of the CIS and encourage people to attend the ones that relate to their work and positions. There is such a wide range of functionality with the CIS, we want to ensure people have access to the most applicable information to them. This will of course be in addition to the excellent Education & Learning resources that will be available to end users.

The next OPOR Awareness Survey will be launched in the fall.

Site Visits and Virtual Town Halls

The month of May will see OPOR Team Members touring around the Northern Zone for site visits. These continue to be a great opportunity for front-line employees and future users of the OPOR-CIS to learn more about OPOR.

Watch for people in bright blue t-shirts!

Dates:

May 13

- Aberdeen Regional Hospital
- South Cumberland Community Care Centre
- Bayview Memorial Health Centre

May 14

- Sutherland Harris Memorial
- Colchester East Hants Health Centre
- North Cumberland Memorial Hospital
- Lillian Fraser Memorial Hospital

May 15

- All Saint's Spring Hill Hospital
- Cumberland Regional Health Care Centre

OPOR will also be holding a **Northern Zone Virtual Town Hall on May 24, from 1:30pm – 2:30pm** where updates to the program will be shared. This is also an opportunity for employees to ask questions. This meeting is held via Teams, and can be added to your calendar using this link: <https://forms.office.com/r/v8wxuZSnUM>

Thank you to everyone for your support on these site visits and with the Virtual Town Halls. If you have any questions, please email us at OPOR@nshealth.ca

OPOR Clinical Governance Update

Design Workshops continue to deliver significant progress towards the completion of the Clinical Information System design. As of April 26th, Subject Matter Experts have made **2950 individual decisions** to design the OPOR Clinical Information System. **At present, 61% of design decisions have been made.**

As we get closer to the completion of the design process, and the CIS begins to take shape, it becomes more and more evident how wonderful it will be to have a system designed by Nova Scotians.

OPOR Key System Highlight: Clinical Decision Support

Clinical Decision Support (CDS) is an evidence-based best practice supported by functionality within a CIS. The OPOR-CIS will integrate CDS into electronic medical records, improving the quality, safety, and efficiency of healthcare delivery.

When providers place orders through **Computerized Provider Order Entry**, such as medication orders, laboratory tests, and procedures, **prompts, reminders, and alerts will be enabled based on patient data.** For example, if there is a drug interaction with another medication or condition, the provider will be alerted before completing the order. When care is being delivered, for example a medication is being administered by nursing staff, CDS will prompt an early administration warning alert if the timing isn't correct.



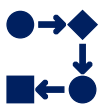
There are several benefits for patients and clinicians when using an electronic medical record with CDS.



Enhanced Patient Safety: CDS systems can help prevent medication errors, adverse drug interactions, and alert healthcare providers to potential allergies or contraindications based on the patient's medical history and current medications.



Improved Clinical Outcomes: By providing clinicians with evidence-based guidelines, best practices, and recommendations at the point of care, CDS can assist in making more informed decisions, leading to better patient outcomes.



Efficiency and Workflow Optimization: CDS tools can streamline clinical workflows by providing relevant information and reminders, reducing the time spent searching for information or consulting external references.



Standardization of Care: CDS can help standardize care across different providers and settings by promoting adherence to clinical guidelines and protocols, thereby reducing unwarranted variations in practice.

By providing real-time guidance to clinicians, like alerting them to potential medication errors, or drug interactions, CDS facilitates informed decision making at the point of care, ultimately improving patient outcomes.



OPOR Support Topic: Biomedical Device Integration

Planning for OPOR devices is well underway, with teams dedicated to clinical and non-clinical devices.

With the OPOR-CIS, **Biomedical Device Integration (BMDI)**, sometimes called Bedside Medical Device Integration, will enable clinicians to improve patient care by connecting and integrating devices that can share data. Integrating medical devices will improve clinical workflow and data quality, in addition to enhancing clinical decision support, patient safety, and patient outcomes.

The overall guiding principle is that BMDI will integrate with the OPOR-CIS only when and where it makes the most sense for care providers, clinical standards, clinical workflows, and patient safety.

A distinct strategy will be defined for each type of medical devices in scope. Consideration will be giving to provincial use, as well as organizational, zonal, and facility-specific realities. Scope and device integration decision and approval governance is with OPOR Program Provincial Governance Groups which include IWK Health and NSH clinicians, clinical engineering, and infrastructure teams.

High-Level Scope and Strategy: Devices included in scope for Go-Live 1 of the OPOR Solution are subject to change and will be reviewed after implementation. Future integrations and system enhancements could include other items and devices.

- **Physiological Patient Monitors:**

- Critical care, emergency department, IMCU, obstetrics, and operative care are high-priority clinical areas for integration.

- **Anesthesia Units:**

- All Existing anesthesia systems (Including Innovian) are in scope to be replaced Provincially by the OPOR CIS anesthesia module.
- All anesthesia devices and peripherals will be integrated via Connectivity Engine Hardware.
- For existing integrations, the program will provide replacement like for like or better.

- **Fetal Monitoring:**

- Integration of fetal monitors used within IWK Health and NSH facilities to the OPOR CIS Perinatal Care Module via CCE and FetalLink
- Phillips IntelliSpace Perinatal at IWK will be replaced by Oracle Health FetalLink Perinatal System. For existing integrations, the program will provide replacement like for like or better.

- **Ventilators:**

- Ventilators in scope for integration with OPOR CIS are Invasive Ventilators.
- Portable vents may be in scope if a viable method of network connectivity is achieved.

