What is SHIIP?

SHIIP
SHARED HEALTH INTEGRATED
INFORMATION PORTAL

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The Shared Health Integrated Information Portal (SHIIP) project is a central component of the South East Local Health Integration Network's (LHIN) Health Links Information Management Strategy. The South East LHIN sponsored the development of the SHIIP solution to support the delivery of collaborative, coordinated care to complex and high-needs patients (the cost of whose care consumes a substantial portion of provincial health care budgets).

With SHIIP, health care providers have timely access to information on health system encounters for all patients. SHIIP also contains a shared electronic coordinated care plan to support health care needs, goals and outcomes for patients being followed by the Health Links approach to care. Moreover, SHIIP allows providers to look at their patient's health outcomes at a population-level through dashboards to support continuous quality improvement.

What data is available in SHIIP?

SHIIP incorporates and connects information from existing technology assets, facilitating the identification of complex/high-needs patients, and helping to inform clinical decisions and care planning to enhance patient experience.

Moreover, SHIIP provides a longitudinal view of the patient's journey through the health care system and overlays analytics to provide information on the impact to the patient's clinical journey.

Key data elements include:

Acute Care Data:

- Patient demographics
- Clinical diagnoses
- Acute Inpatient activity including admission, discharge and transfers
- Emergency Department activity including CTAS and chief complaint
- Day procedures received
- Outpatient clinics attended

Community Addictions and Mental Health Service Data:

- Current programs and involved support workers
- Presenting issues
- Referrals and program eligibility screening results
- Program discharge date, reason and disposition
- Outgoing referral type, program, and organization

Community Support Services Data:

- Core CSS services being received including event type, description and any case or event notes shared
- Risk assessment scores including AUA, CSI, and MAPLe

SHIIP specific data:

- HARP helps identify patients at risk of future hospitalization
- LACE Index identifies patients at risk of readmission or death within 30 days of discharge
- Health Links Coordinated Care Plan (CCP) entered by Health Link Care Coordinators
- Health Links Complex flag based on MOHLTC definition of complexity

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What are the benefits of using SHIIP?

SHIIP provides many benefits to the different stakeholders within health care.

Patient benefits include:

- Greater confidence that their care team is informed of the care they receive from other providers
- Decreased need for patients to repeat information
- Improved coordinated care planning
- Comprehensive information available to patients provider at point of care

Provider benefits include:

- Greater access to information from multiple sources
- Greater sense of collaboration on the Health Links Coordinated Care Plan
- More timely access to information
- Greater support for clinical decision making
- Sharing of key clinical information with care providers
- Simplified information collection and care overview

Health care system benefits include:

- Improved patient experience in the health care system
- Improved flow of information between providers
- Decreased utilization of hospital resources

What are the upcoming priorities for SHIIP?

SHIIP aims to integrate with other regional and provincial health information management initiatives. The goals of SHIIP are both to promote a focus on the patient journey through our health care system, and also to provide health service providers with data that can be used for planning and system management purposes. The SHIIP project team works with eHealth as well as other provincial organizations to ensure alignment with other digital health assets.

The most immediate priorities for future development include:

- Integration with CHRIS – the client management system for Home & Community Care – to allow for service level information for Home Care to be included in the patient profile, as well as improve access to SHIIP for Care Coordinators
- Improved access for Health Links Care Coordinators through a revised delegation model that supports the Health Link approach to care
- Integration with Primary Care EMRs to allow for improved access to SHIIP
- Integration of a Business Intelligence solution to enable and improve analytics and dashboards on SHIIP data sets
- Integration with post-acute hospital services data feeds

How can I access SHIIP?

Access to SHIIP is simple. Key milestones include:

1. A SHIIP demonstration and discussion with potential users and leadership
2. A readiness assessment to review the organizations privacy and security protocols
3. Signing of a Participation Agreement
4. Individual registration and privacy training

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For more information on SHIIP and how to access the tool, please contact the SHIIP Business Desk at SHIIP@LHINS.ON.CA