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| Date Submitted: Click or tap to enter a date. | | | | | |
| **Request for Approval of MST Technology:**  **Medication Safety Technology (MST) program** | | | | | |
| The purpose of this form is to provide a mechanism through which LTC home licensees may submit information to the ministry with respect to requests under section 4.3 of the Funding Policy.  Note: Submit a separate request form for each technology if you are requesting approval for multiple technologies. This form can be used for requests where multiple homes will implement the same technology. | | | | | |
| Part 1: **Requestor Information** | | | | | |
| **Licensee Name:** I | | | | | |
| **Contact Name** | | **Position** | | | **Phone Number** |
| Part 2: **Description of Requested Technology (i.e. software, hardware or related service)** | | | | | |
| **Name of Technology** (i.e. software, hardware or related service)  **Pharmapod Digital Medication Incident Management System** | **Technology Vendor**  **Pharmapod Canada** | | **Is the technology being procured through a pharmacy service provider (PSP)?**  Yes□ **Name of PSP:**  No D | | |
| **Funding must be used to acquire (or access) technologies listed in section 4.2 that had not been in place as of April 1, 2021.**  **Exceptions:** | | | | **Was the requested technology in place as of April 1, 2021?** | |
| **Yes**□ **No**□ | |

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| * + 1. Where a technology is already in place \_and a Licensee wishes to add additional functionality, Funding may be used to pay for the costs associated with this additional functionality.     2. Where Automated Dispensing Cabinets (ADCs) had been installed in an LTC home prior to April 1, 2021, Funding may be used to cover the costs associated with their ongoing use and maintenance. | | **If yes, do either of the exceptions apply?** |
| There is added functionality for the home including electronic case management, CQI tools for action planning and tracking, Risk Matrix, Root Cause Analysis, Shared Learning, standardized reports, dashboards, and automated real time metrics for analysis. |
| Provide a summary of the requested technology (include the functionality of the software, hardware or related service)  The Pharmapod Digital LTC Medication Incident Management System is a standardized all in one reporting, analysis, improvement, and shared learning platform that is integrated with LTC pharmacies, the provincial pharmacy data bank and the National Incident Data Repository (NIDR).  The challenge of accurate medication error reporting, evaluating and monitoring of improvements is largely due to unsuitable legacy software & processes, where reporting & data are siloed between homes & pharmacies.  Reporting errors & near misses & the analysis of that data without a suitable software platform is a constant drain on resources for both the homes & pharmacies.  Pharmapod cloud-based software improves medication incident analysis in long-term care homes by, among other things, the use of a standardized, rigorous incident analysis framework. It provides the “all in one” tool for prevention, awareness, deterrence, and detection, addressing the recommendations from the Public Inquiry into the safety and security of residents in LTC.  Pharmapod provides tools for tracking and trending such as dashboards, a data warehouse of 19 standard reports, case management table and action plans log. The functionality includes integration with pharmacies, provincial and national data repositories, uploading documents, printing and/or downloading PDF summaries or JPG graphs for presentations and exporting data as needed.  Pharmapod will streamline both home & pharmacy Continuous Quality Improvement processes, to radically reduce errors & therefore mitigate risks over time. It also has a digital SOP module to update home policies quickly and communicate them efficiently.  Pharmapod is professionally led by long term care and pharmacy patient safety specialists and has a proven track record of successfully enhancing workflow, improving policies & systems related to medication safety. | | |
| **Identify the home(s) where the technology will be implemented. Hit <enter> to add more homes.** | | |
| Home Name  1.  2.  3. | Home Address  1.  2.  3. | |

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| Part 3: **Rationale for Request** | |
| Section 4.2 of the MST Funding Policy identifies five types of technologies that are eligible for the program. | **Describe why it was not possible to implement the technologies listed under section 4.2 of the MST funding policy in your home.**  Note: Please provide a response for each technology. |
| 4.2.1 Computerized Prescriber Order Entry (CPOE) or electronic prescribing (e- prescribing) |  |
| **4.2.2** Electronic medication administration record (eMAR) |  |
| 4.2.3 Machine-Readable Coding for Medication Administration (e.g. bar code medication administration) |  |
| 4.2.4 Automated Dispensing Cabinet (ADC) |  |
| 4.2.5 Electronic Clinical Decision Support System (eCDSS) |  |

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| Part 4: **Program Requirements** | |
| Per section 4.1, the Long-Term Care (LTC) Medication Safety Technology (MST) Program Funding Policy (Funding Policy) allows funding to be spent on technologies | **Demonstrate in detail how this requested technology will meet the goals of MST program and how the request meets two or more of the specific requirements identified in the funding policy (under section 4.1.1 to 4.1.6).** |

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| (software or hardware, and related services) that: | Note: use "n/a" to identify if the specific requirement does not apply to the technology being proposed. |
| 4.1.1 support the optimization of medication regimes for LTC home residents, including the identification of opportunities for deprescribing and decision support at the point of prescribing. | n/a |
| **4.1.2** enhance the security of the drug supply. | n/a |
| **4.1.3** facilitate the secure and accurate transmission and  handling of prescription information. | n/a |
| **4.1.4** support the accurate  administration of medication. | n/a |
| **4.1.5** enhance oversight and monitoring of the medication  use process. | In summary this software provides standardized digital reporting of medication incidents and near miss events to evaluate and monitor medication safety to reduce harm resulting from medication incidents. The software is unique in housing everything in one place in the home including the reporting, CQI activities, documents, comments, logs, summaries, tables for monitoring, case management, staff participation, safety reports for PAC meetings, dashboards of what, when and why errors happened, and harm levels all relating to the medication use process. It is the “ all in one” risk management tool to strengthen the medication use process.  This software meets the following goals of the MST program:   1. *The standardized digital medication incident management software provides the best in house functionality for Oversight and Monitoring of the medication use process to reduce harm resulting from medication incidents.* 2. *The standardized digital medication incident management software provides a platform to consolidate reporting medication incident and near miss events, automates analysis of events, tracks risk, provides tools to plan improvements, action improvements and share learnings to evaluate and monitor Improved Functioning of the medication management system in the long-term care home.* 3. *Adding the Pharmapod medication incident management system technology will be an additional improvement to current functionality (whether paper or electronic) to achieve the goal of reducing harm resulting from medication incidents* 4. *The platform is linked/ integrated with pharmacies in Ontario to provide a closed loop system and has exporting features to transfer data and summary reports to home EHRs.* |
| **4.1.6** support the improved functioning of the medication management system in the  LTC home. | The software provides much improved functionality from any other product on the market today and is customized to the LTC environment to promote prevention, awareness, deterrence, and detection of medication incidents in the medication management system. With role access and notifications/escalations, the system supports efficiencies in monitoring the medication management system which drives improved functioning of the medication process and in the end enhanced safety of the residents with the shared learning. Reports for Resident Council and Family Council meetings is a click of a button. Residents and family members can be engaged in the platform. It is the tool required to carry out the Ministry initiative to strengthen the safety of medication in LTC. |

Please provide any additional information to

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|  | **Previous process** | **With Pharmapod** |
| **Access to reporting** | * **Finding the paper form** * **Losing a password** * **Add name as a reporter each entry** * **Different processes in different locations** | * **Single Sign On (SSO)** * **Automatic identification of reporter, date and time of all updates** * **Reporter can have access in multiple locations** |
| **Reporting an event (collect data)** | * **Paper or google sheets** * **Online with limitations** * **Not always completed properly or thoroughly** | * **Digital easy and quick** * **Data fields for all situations with sub categories to explain** * **Mandatory fields means always complete** * **Automatic summary, risk matrix,  audit trail of user entries, consolidated safety report for PAC** |
| **Documenting improvement work (make an impact)** | * **Separate documents e.g. report, actions plans** * **Time consuming manual consolidation** * **Emailing back & forth** | * **All information conveniently in one platform e.g. reports, CQI tools, metrics** * **All stakeholders able to work in one area with role access** * **Audit trail of all user updates + time and dated** |
| **Tracking events (measure data)** | * **Manual process from paper documents or spreadsheets** * **Reliance on pharmacy to capture all internal and pharmacy events** | * **Digital system populates tables, graphs, charts and dashboards** * **Click of a button filters data in seconds to get the view you need** |
| **Trending & analyzing risk (understand insights)** | * **Trends are very difficult to see e.g. use of glucagon to predict insulin use problem** * **Manual trending** * **Analysis relies on pharmacy system and pharmacy timing** | * **Auto populated trends and benchmarking in Insights Pro** * **Historical data never lost, always adding to the table, graph, chart etc. & available in real time** * **Dashboard view of improvements and standardized summary reports** |

support your request.