Patients bring a unique and powerful perspective to their health that, if harnessed, could improve their health outcomes, lower healthcare costs, and ultimately, save lives. The Patient Toolkit captures this perspective by tracking their feelings, symptom severity, appointments, and medications on a daily basis over time. This empowers patients and their healthcare team to make better informed decisions, outside and inside the clinical setting.
A new perspective on patients...

There is a shift occurring in the role patients play in their healthcare. Through mobile technology, patients and their caregivers are becoming empowered to actively participate in their care. Patient Toolkit is a mobile software application that tracks how patients are feeling, symptom severity, appointments, and medications on a daily basis over time. Patient Toolkit allows the patient to present a more complete picture of their health experience to their healthcare providers in a visual format. This shifts patients from care recipients to active members of their personal healthcare team.

Primary Benefits

**Track**
Capturing and keeping track of all of the important data related to managing a chronic condition is very difficult for patients. Patient Toolkit makes it easy to capture information related to how they are feeling, unusual events, symptom severity, medication compliance, and appointments.

**Manage**
Another challenge facing patients with chronic conditions is the daily management of their activities. Patient Toolkit is a holistic tool that helps patients manage their daily activities and tasks through the app calendar and notifications.

**Share**
Data presented in a visual format leads to new insights that enable better decision making. Patient Toolkit visualizes patient data over time making it easy for patient and provider to have a more comprehensive understanding of overall health.

Learn more about Patient Toolkit: Email patienttoolkit@mitre.org | Telephone 703-983-2023
Technology Capabilities

My Day

The user interface was designed to be easy to use and help patients get through the administrative aspects of their days. From this one location, patients can update how they are feeling, the severity of their symptoms, special journal entries, and their schedule.

My Journal

The journal feature helps patients capture unusual events or things they want to tell their doctors such as odd symptoms, what they have been eating, or details on how they are feeling. This helps them track these events over time and see how these events affect their overall health. It also helps patients remember the things they wanted to share during provider visits.

My Medications

Patients can easily add their prescription information by selecting the medication that matches their prescription label, and request reminders for taking medication. When patients are not able to take their medications the data is captured to support a conversation with their providers to develop a plan they are able to comply with.

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Technology Capabilities

My Symptoms
Patients can explore, input, and edit their health data, including symptom severity, on an easy to use mobile platform. They can identify a full set of symptoms by choosing from a pick list, then capture the severity in a few touches using a tailored list. This data is mapped to the source standards used by EHRs.

My Appointments
Patients can track their appointments, set up goals and questions pre-appointment, and enter notes in real time during or after their appointment for maximum retention. Integrating the capture of information into a patient’s day removes a significant amount of stress and enhances appointment quality.

My Reports
Once historical symptom and medication data is captured, patients can view visual reports to discover changes in their symptoms, see how they responded to medications, and track their overall state of health over time. These reports help patients decide when they need to contact a provider, and provide new patient-generated data to help providers with clinical decision-making.

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License Options

Licensing Through MITRE’s Technology Transfer Office

MITRE shares its innovations with our federal sponsors and other parts of the federal government. We also transfer technologies to commercial entities so that they can undertake the technical, business and manufacturing activities necessary to bring products and services incorporating MITRE technology to market. MITRE licenses the results of its research through its Technology Transfer Office (TTO).

License Options

The Patient Toolkit material available for use under license includes software and project documentation:

- Prototype software (code)
- Technical requirements
- Design documents
- Background research associated with the project’s development
- Studies conducted by MITRE
- User documentation
- Rights to modify Patient Toolkit

Interested in using Patient Toolkit? Next steps...

Plan
Develop a plan for using the Patient Toolkit.

Discuss
Discuss licensing Patient Toolkit with MITRE’s Technology Transfer Office.

Build
Build something new and empower patients to improve their health outcomes using your new products and services.

For license-related inquiries, please contact MITRE’s Technology Transfer Office: Email: techtransfer@mitre.org | Telephone: 703-983-6053

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