

# Empowering Physician Practice Improvement: The Development Of My Practice Improvement (MyPI) For Physicians

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**Themes** Physician Practice Improvement, Quality Improvement, Continued Medical Education, Human-Centred Design, Co-Design, User Engagement

## Background

- **PIIP Mandate:** Alberta College of Physicians and Surgeons' 2021 requirement for Physician Practice Improvement (PPI).
- **Initiative:** Joint effort by the Physician Learning Program (PLP) and University of Calgary's Continuing Medical Education and Professional Development (CME&PD).
- **Goal:** Develop "My Practice Improvement" (MyPI), an easy-to-navigate online tool to support data-informed PPI activities and drive actionable changes.

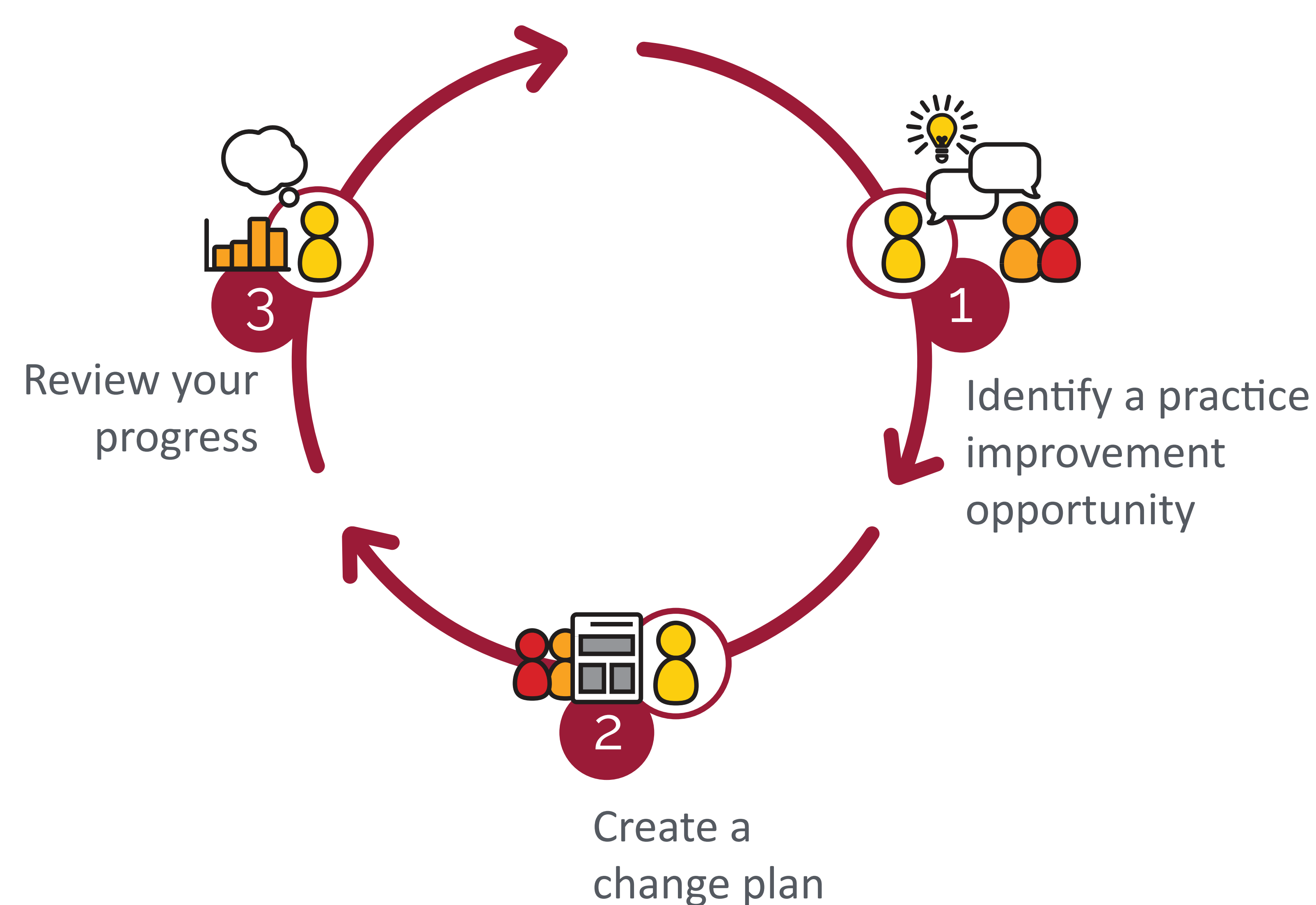
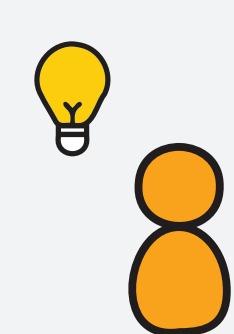
## Why is PPI a Challenge for Physicians?

- **Time Constraints:** Busy schedules leave little room for additional documentation and improvement activities.
- **Perceived Complexity:** Quality improvement (QI) activities take skill, time and knowledge to do them right.
- **Documentation:** Limited access to easy-to-use tools and structured support for practice improvement to help document.



## How Does MyPI Resolve Those Issues?

- **User-Friendly Design:** Simple interface tailored to the needs of busy physicians.
- **Step-wise Coaching:** Guidance where the user needs it to help guide the user to actionable changes.
- **Templated Activities:** Integrated PPI examples physicians can base their own activities on.



**MyPI Activity Phases** - The Federation of Medical Regulatory Authorities of Canada (FMRAC) 5-step approach was adapted for a more easy-to-follow 3-step approach

## Methods

- **Co-Design Approach:** Collaboration with physicians, education consultants, and human-centered designers.
- **User Testing and Engagement:** Discovery interviews, usability tests, and pilot testing with physician pathfinders.
- **Iterative Refinement:** Continuous updates to address pain points and enhance functionality.

## Results

- **Balanced Design:** Combines simplicity and functionality, meeting the demands of busy physicians.
- **Practical Tool:** Encourages small, continued change, which is more likely to be adopted in practice.

## Conclusions

- **Repeated User Engagement:** Essential for the success of online professional development tools.
- **Collaboration and Iteration:** MyPI exemplifies ongoing collaboration and iterative improvement.
- **Catalyst for Change:** Enables meaningful professional development and enhanced patient care.

## How Does MyPI Support QI on a Systems Level?

- **Data Utilization:** Encourages the use of objective data, peer feedback, and patient feedback for comprehensive improvement.
- **Scalability:** Designed to support both individual and organizational quality improvement initiatives.
- **Sustainability:** Encourages small, continuous improvements, fostering long-term practice enhancement.



## How Does MyPI Simplify QI Documentation?

- **Streamlined Process:** Simplifies documentation through an easy-to-use platform; summaries are provided after every step.
- **Accredited PPI Activities:** Upon completion of a full cycle, physicians can claim up to 45 Mainpro+ Assessment credits or 15.0 MOC Section 3 Self-Assessment Program hours.

