Patient safety and quality improvement (PSQI) are critical components of medical practice, and PSQI concepts are yet to be fully integrated into undergraduate medical education across multiple jurisdictions in the Canadian context.

A need was identified within Schulich/London hospitals to design and implement a PSQI curriculum. A literature review revealed that while several teaching strategies have been trialed, most remain focused on post-graduate education, and are disparate in their design and approach.

As part of a curricular planning exercise, the authors designed a novel and practical four-week PSQI course for undergraduate medical students that includes integration across the pre-clerkship, clerkship and post-clerkship periods.

The multiple aims for this program includes:

- 100% Compliance with content delivery
- 80% Knowledge retention by participants
- 100% Participant application and implementation of PSQI principles and concepts
- 85% Improved selected patient outcomes
- 50% Mentorship for future participants

Our course aligns with increasing local and national priorities to deliver relevant and innovative curricula that connect clinical medicine with PSQI. Undergraduate medical education provides a suitable foundation for future physicians to become champions for quality improvement as postgraduate learners and throughout their careers.

The design of a simulated PSQI course resulted in a product that is relevant and, with minor modifications, can easily be adopted and implemented into most Canadian undergraduate medical programs. This course has the potential for inclusion in existing curricula and provides a basic template for teaching and assessing PSQI knowledge, skills and attitudes for undergraduate medical students.