

## **Abstract**

The nation is charged with the great task of eradicating human immunodeficiency virus (HIV) by year 2030. PrEP is an acronym for pre-exposure prophylaxis. Multiple clinical trials have recognized it as a safe and highly effective regimen that includes taking a daily dose of an antiretroviral medication to prevent HIV transmissions. The regimen is backed by prominent healthcare organizations like the Centers for Disease Control and Prevention (CDC) that have developed guidelines for PrEP implementation. Yet, there is a nationwide problem of low provider uptake of PrEP. Investigators in the literature on PrEP implementation concur that PrEP, as a preventative measure, should be promoted in the primary care setting through comprehensive training on the regimen. The aim of this quality improvement project was to increase the Peoria PrEP provider base over a period of three months by increasing the knowledge and skill sets of primary care providers through the implementation of a comprehensive continuing medical education (CME) conference. Twenty primary care providers attended the event. CME evaluations, follow-up surveys and [prep4illinois.com](http://prep4illinois.com) surveillance were used to measure project outcomes. Major findings revealed that the project increased the Peoria PrEP provider base by 75% and was effective in inspiring providers to implement the CDC's PrEP guidelines. Implications related to findings are discussed.

*Keywords:* PrEP, PrEP uptake, HIV transmission, HIV prevention, primary care providers