

PRIMIS case study

Time period: <2016

Themes: Quality Improvement, Research & Evaluation, Data Specifications & Validation

Project: PINCER implementation

Title: PINCER trial

Full case

PINCER is a successful, pharmacist-led IT-based intervention, for reducing important and common medication errors in general practice prescribing and has been incorporated into National Institute for Health and Care Excellence (NICE) Medicines Optimisation Clinical Guideline.

The PINCER trial, run by Professor Tony Avery and Dr Sarah Rodgers from the University of Nottingham's School of Medicine, assess the effectiveness, cost-effectiveness and acceptability of a pharmacist-led information technology-based intervention to reduce the number of hazardous prescribing errors. The results of the trial, published in the Lancet (February 2012), showed that the PINCER intervention is an effective method for reducing a range of clinically important and commonly made medication errors in primary care.

[View The Lancet paper online](#)

PRIMIS, in consultation with the PINCER trial team, developed the PINCER audit tool which comprises a set of prescribing safety indicators to identify patients at risk of hazardous prescribing.