In the 19 months from October 2007 through April 2009, 13 patients acquired infections related to peripheral IV (PIV) phlebitis. There were nine bloodstream infections (BSIs) and four skin & soft tissue infections (S&STIs). One patient died as a direct result of complications from one of the BSIs. In response, Infection Prevention (IP) conducted a PIV point prevalence study to assess the issues. IV securement was found to be an opportunity for improvement. The phlebitis rate was 13.5%.