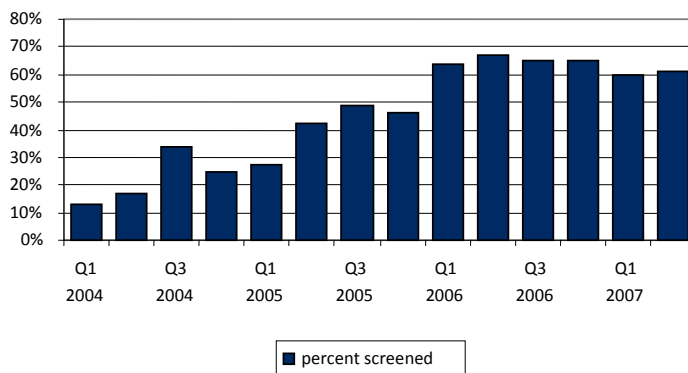




## 400% Increase in Pediatric Lead Screening

University of Michigan Health System, Department of Family Medicine



### State Mandates Increase in Pediatric Lead Screenings

When the State of Michigan mandated an increase in lead screening rates for pediatric Medicaid patients, the University of Michigan Health System’s Department of Family Medicine had a plan. Rather than relying on busy physicians to recognize and inform at-risk patients about lead screening, they used Cielo Clinic from Cielo MedSolutions to systematically identify at-risk children so doctors could counsel their parents appropriately. The result was a 400% increase in pediatric lead screenings in two years.

### Systematically Targeting At-Risk Patients

UMHS physicians targeted Medicaid patients between the ages of 1 and 3 for the screening. Cielo Clinic created call lists of all patients at a particular clinic who were eligible for lead screening and had Medicaid insurance. Medical staff then contacted parents of these children. In addition, a prompt in Cielo Clinic reminded physicians during office visits to ask parents of at-risk children if their child had been tested. The combination of using call lists and the automated prompt resulted in a 400% increase in lead screening rates between 2004 and 2006.

### Simplifying the Delivery of Clinical Care

Dr. Jean Malouin, Assistant Professor at the University of Michigan Department of Family Medicine and Medical Director at the Briarwood Family Medicine site, explains: “Normally you may not think about screenings like this unless a child comes for a well-child exam. But that’s the beauty of Cielo Clinic; you can capture only the most at-risk patients and offer a screening. Typically these are the same children that we may only see once yearly when they get an asthma flare up. When they come in acutely ill, I’m not always thinking ‘I need to check to see if they’ve had their lead level drawn’. But Cielo Clinic’s prompts remind us to ask questions about lead screening to the appropriate patient population. So the software captures a lot of children that really weren’t as plugged into the system as they should be for routine health maintenance.”

### About Cielo Clinic

Cielo Clinic’s prompt-and-remind and reporting functionality lets physicians design custom prompts and reports for specific patient populations. Clinical data is collected about the patient, which can be used for aggregate reporting about specific patient populations. Clinical data reports can also be used for tracking pay-for-performance metrics and scorecarding.

Cielo Clinic accommodates either paper or electronic-based medical practices and integrates with EMR systems. The web-based product has minimal implementation and a low monthly cost, which makes it affordable and practical for practices of any size.