

MedInformatix

How MedInformatix Technology Facilitates Clinical Trials and Patient Outcomes

MedInformatix provides award winning Information Technology to the healthcare industry. Our fully integrated electronic medical records and practice management solution allows faster access to and management of clinical data required to meet more rigorous standards, make more informed decisions regarding patient care, facilitate better monitoring of treatment protocols, reduce errors and increase patient satisfaction.

Improvements and outcomes of utilizing the MedInformatix technology:

- **Clinical Efficiency**
 - 23% increase in outpatient volume and charges with no increase in clinical FTE support staff, no increase in physicians and no increase in CBO FTE's.
- **Operational Efficiency**
 - Improved handling of prescription refills with significant savings, decreased liability and errors.
 - Elimination of chart room staff, clinical services overtime decreased.
 - Calls previously handled by clinical staff, unnecessarily taking them away from patient care, now handled by other staff with appropriate access to records.
- **Ability to Query Database**
 - Establishing and monitoring treatment protocols easier and more efficient.
 - Allows faster and easier identification of patients appropriate for research studies. Facilitates improved enrollment in clinical trials resulting in more clinical outcomes, more research data on effective treatment protocols and better patient care.
 - Improved follow-up of research patients and capture of charges, better patient education.
 - Improved ability to register and implement drug recalls/alerts as they happen, reducing risk.
- **Value Added Components**
 - Referring physician satisfaction improved - better, fast turnaround of reports/consults
 - Access to patient records in office while speaking to referring MDs
 - Improved quality of care to emergency patients due to 24/7 access to records
 - Decreased malpractice risk with improved documentation of office records
- **Improved Patient Satisfaction**
 - Efficient prescription refill and chart documentation allows less chance of prescribing error.
 - Increased number of calls can be taken per day and increased number of patients seen.
 - Faster communications - fax server feature for prescriptions, physicians letters, test results.

A case study of a 34 physician practice achieved the above results while **increasing receipts by at least 35% a year** (through increased number of patients seen and better coding) and **decreasing overheads by at least 15% per year** (reducing costs of transcription, postage, paper charts, staff time etc). **They paid for the cost of the system within one year and their ROI was assessed at 244%.** The bottom line, looking at Total Income Before Income Tax (TIBIT), is **that before implementation their TIBIT was negative \$612,000, 1 year after implementation it was \$2.3 million and after 4 years it was \$3.6 million**, as a result of the efficiencies of the system.

This is a prime example of how despite certain extra costs incurred by implementing the technology, it is still more than worth the investment and hand in hand with the knowledge and expertise of medical staff it does a superior job of maximizing patient outcomes and achieving organizational goals.