Saint Francis Hospital Laboratory

"Using the Step-by-Step Automation Approach to Achieve Sequential Performance Gains"



Jay Hupp, MT(ASCP)SC Laboratory Technical Services Manager Saint Francis Hospital Tulsa, OK



Jay Hupp, MT(ASCP)SC On a Personal Note...

- 20 Years with Saint Francis
- Bench Tech, Lead Tech, Supervisor, and Manager
- Worked at Springer Clinic 11 years as a Med Tech
- Laboratory Director at National Occupational Health Service
- · Hobbies including Hunting, Fishing, and the Outdoors.





"Achieving Sequential Performance Gains" Learning Objectives

At the end of this discussion, you should understand:

- 1. The stepwise approach to laboratory automation
- 2. The relationship between staffing and automation
- 3. The challenges associated with laboratory transformation
- 4. Ways to manage change through entity consolidation

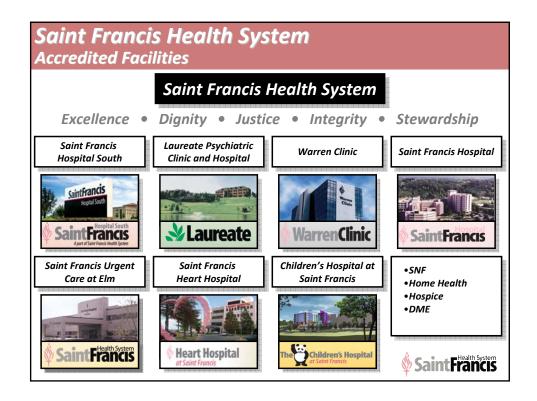


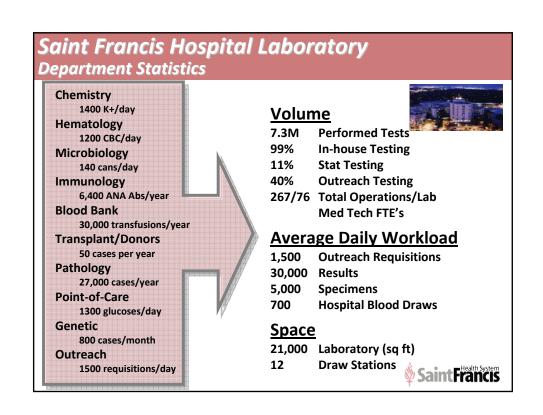
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Saint Francis Hospital Laboratory Challenges and Strategy

- · Goals and Challenges
 - Increase volume
 - · Lab space at capacity
 - · Aging techs with increased demand
 - · Consolidate platforms
 - Manage expense
 - Standardize methodology & reference ranges
 - · Maintain laboratory turnaround time
 - Focus on throughput, early AM and stats (>90%)
 - Improve patient and employee safety
 - · Standardize process and reduce variability



Saint Francis Hospital Laboratory Challenges and Strategy

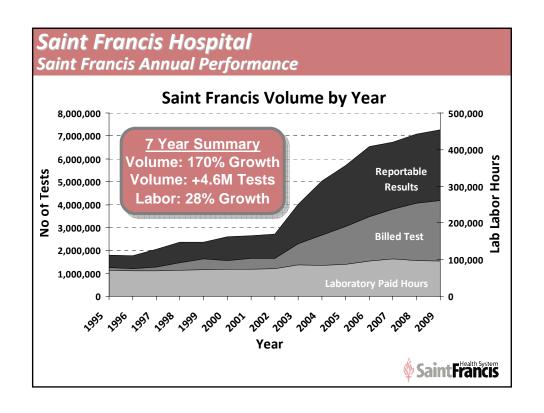
- Automate core laboratory to improve utilization
- · Improve informatics and decision-based rules
- · Implement technology in a stepwise approach
- · Grow outreach program & revenue
- Support patient continuum of care through EMR
- · Recruit and retain qualified technical staff

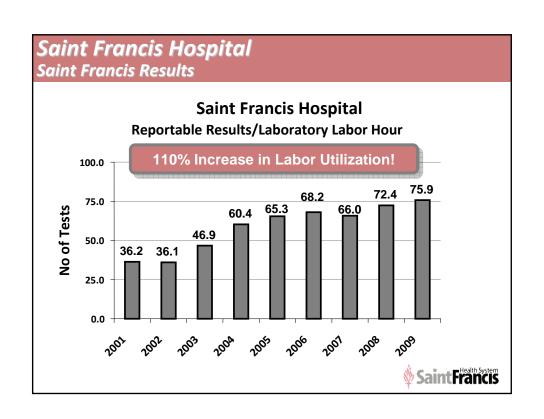


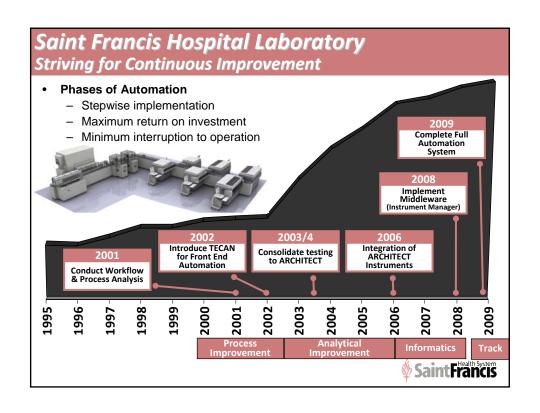


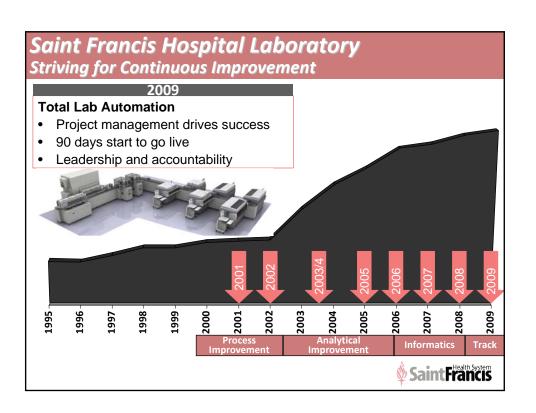








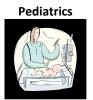




Saint Francis Hospital Laboratory A Model for Success

Saint Francis Core Laboratory

- √ Run pediatric samples on the line.
- ✓ Run stats on the track. No offline analyzer, No manually loading.
- ✓ Use the IOM like an ARCHITECT RSH. Automated reflex/retest.
- ✓ Use the IOM as a front-end sorter to accession, sort, and centrifuge if needed, every tube coming into core lab.
- √ Have maintained stat turnaround times while using the track.



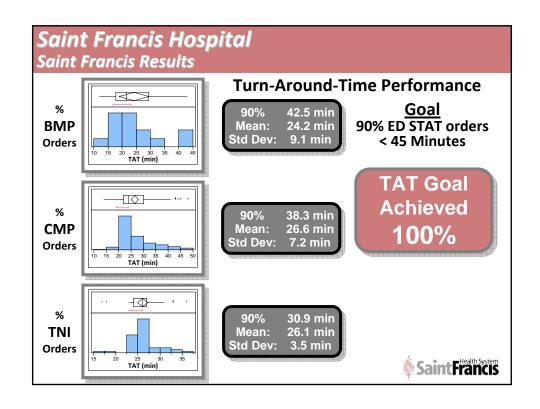


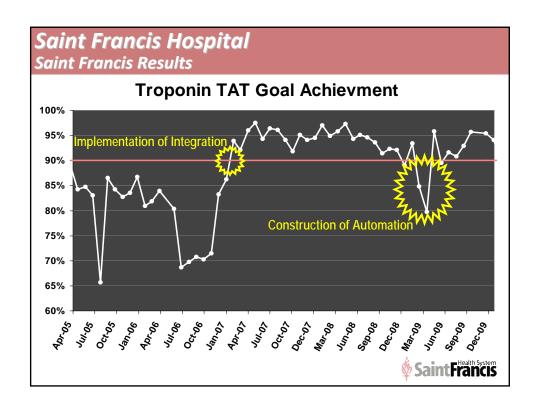


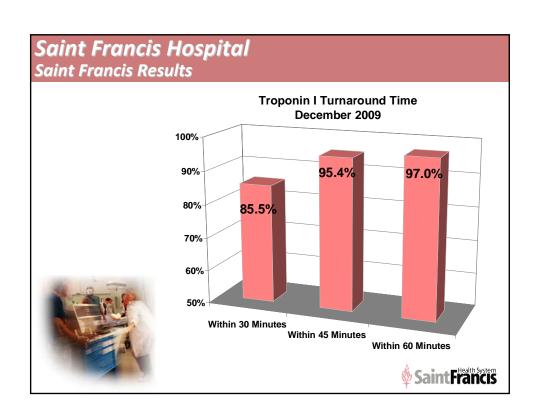












Saint Francis Hospital Areas of Excellence

- Workstation Consolidation
- Standardized Chemistry and Immunoassay with one vendor
- · Continued to operate throughout renovation with acceptable TAT
- Management of employees throughout change
- · Working within the established timeline
- · Accountability by lab leadership



Saint Francis Hospital Areas of Improvement

- Promotion of the laboratory within the Health System
- Consolidation of Reference and Processing Departments
- Quicker turnaround time on Information Systems projects



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