

# Lean laboratory workflow and automation

Springhill Medical Center, Mobile, Alabama



## Customer at a glance:

- Privately owned urban community hospital
- 270 patient beds
- >2,000,000 tests performed annually
- 60% of volume from inpatients, 40% of volume from outreach collections

**“Our laboratory workload continues to increase, while staffing continues to be difficult. With the VITROS Automation Solution the stresses of specimen processing tasks have been reduced.”**

Christopher White, MLS(ASCP)CM  
Laboratory Director

## Scaling for efficiency

Serving a growing diagnostic demand for the Greater Mobile, Alabama, population, Springhill Medical Center performs more than two million tests per year. Where previously two VITROS® 5600 Integrated Systems served their needs, the hospital was looking to expand its laboratory capacity with automation, as well as upgrade their instrumentation and services.

### Phase 1: 2022

Implementation of VITROS® Automation Solutions for chemistry and immunoassay disciplines: Entry/Exit module, 1 centrifuge, 1 decapper, 1 recapper, 2 VITROS XT 7600 Integrated Systems

26

Labor hours saved each day across shifts by automating manual tasks

37%

Efficiency and productivity gains by automating manual tasks



Gained consistency in turnaround time performance

10

VITROS tests brought in-house

### Phase 2: 2023

Expansion of automation to include hematology and coagulation disciplines; added 1 additional centrifuge, cold storage, Sysmex Hematology and Stago Coagulation connections

1.76

Labor hours saved each day by automating sample storage and disposal

23

Cumulative labor hours saved in hematology and coagulation by automating manual tasks

16

Tests brought in-house; 3 VITROS tests and 13 offline (8 special chemistry, 5 special coagulation) – all without adding additional staff

## Floorplan with enhanced workflow



“Bringing automation to our lab has allowed us to bring 18 send-out tests in-house to **improve patient care, decrease turnaround time and decrease costs.**”

Christopher White, MLS(ASCP)CM  
Laboratory Director

“The installation of the VITROS Automation Solution has significantly **enhanced workflow by streamlining repetitive actions, reducing manual tasks, minimizing human error, and increasing overall efficiency and productivity** to allow my chemistry staff to focus their attention on calibrations, maintenance, troubleshooting and providing excellence in quality patient care.”

Lacey A. Campbell, MHS, MLS(ASCP)CM  
Chemistry Supervisor



### See what lean can do for you

For more information or to schedule a consultation, contact your QuidelOrtho representative or visit the website.

Contact your sales associate to learn about ValuMetrix® Consulting service to enhance your workflow with improved efficiency

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