



Faster and better:
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 the quality of healthcare in
 the Bay Area.



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Supporting clinical operations for acute-care hospitals, skilled nursing facilities, and medical office buildings throughout the Bay Area, John Muir's new Core Lab Facility was designed and built to accommodate the largest Beckman Coulter automation lab line in the United States. With the flow of the building mimicking the workflow of the testing system, the lab is able to process more than 7 million specimens each year, providing faster and more accurate test results to doctors, and improving the quality of care for more than 80,000 patients throughout the John Muir Health system.



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John Muir Health
 Core Lab
 Concord, CA

OVERVIEW:

A new two-story, 57,000 s.f., structural steel frame and concrete tilt-up structure with 3.8 acres of site development. The interior build-out includes laboratories and general office space.

UNIQUE CHALLENGES:

To meet John Muir's automation lab line start-up goal, XL needed to complete the ground-up project in just 10 months. XL accomplished the quick turn around by:

- Working with John Muir and Beckman Coulter to detail the process and underground data and electrical support utilities before pouring the slab-on-grade.
- Installing the systems in the slab foot-print while casting slabs were used to pour the tilt-up panels. Bracing points for the panels were coordinated to protect the underslab utilities.
- Utilizing advanced 3-D modeling of mechanical, electrical, plumbing, and process systems to improve overhead installation, increasing prefabrication efforts and minimizing field conflicts.

PROJECT TEAM:

Contractor: XL Construction Corporation
Architect: Hawley Peterson & Snyder Architects
Construction Manager: Jtec Healthcare Construction Management



Learn more about the John Muir Core Lab project and other unique projects at www.xlconstruction.com

Photos by Marco Zecchin, Image Center