

LIFE SCIENCES – Medical Devices & Instrumentation

Kyphon

R&D Virtual Operating Room



OVERVIEW

Kyphon, is a global leader in restoring spinal function through minimally invasive therapies.

IES served as design team lead and provided complete MEP engineering design for a five station R & D virtual operating room expansion to enable Kyphon to perform on-site training and sales of medical instruments for their sales team and physicians.

PROJECT DETAILS

- 3,000 sq.ft. Class 10,000 cleanroom lab with new process vacuum, CDA and HEPA filtration systems with VFD's for energy efficiency.
- Installation of state of the art operating tables and spinal axial machines.
- Existing office area converted into a virtual operating room.
- Emergency power distribution for Life Safety and exhaust systems.
- Environmental permitting and HazMat consulting.

IES SOLUTIONS

- Completed both design and construction phases on time and under budget.
- Installed a viewing area for doctors and vendors with lead glass in the windows and sliding doors to prevent radiation exposure to employees.
- Performed all MEP, Design Management of Architectural and Structural, and Construction Administration.
- Met project deliverables by meeting Owner's aggressive time schedule enabling earlier occupancy of virtual operating room.
- Project construction budget below estimated costs due to stringent construction administration by IES.

LOCATION

Sunnyvale, California

TEAM (PARTNERS)

Architect: TDS Architect's
Structural: Q5 Engineering

PROJECT DURATION

Design & Permit: 17 Weeks
Construction: 29 Weeks

PROJECT VALUATION

> \$5,000,000

ABOUT IES

Integrated Engineering Services (IES) is an established firm providing innovative and cost-effective solutions to meet your complex engineering, design and operational needs.

When experience, knowledge and innovation matter most.

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