

Kaiser Permanente Los Angeles Medical Center Los Angeles, California

Client: Kaiser Permanente
Los Angeles, California

Scope: 448-Bed Hospital
900,000 sq. ft.

Kaiser Permanente's Los Angeles Medical Center (LAMC) is the healthcare provider's largest inpatient hospitals in the United States at 792,000 sq. ft. and serves as a tertiary center for cardiovascular surgery, pediatric and neonatal intensive care, neurosurgery, spine surgery and high-risk obstetrics.

The tight urban site allowed for only a 100,000 sq. ft. footprint for the main hospital with no more than seven-story above grade and necessitated a highly efficient layout using vertical integration of hospital units to maximize the use of space.

The hospital HVAC system uses 100% outside air with heat recovery to prevent multi-drug resistant tuberculosis (MDRTB) transmission and to maintain optimal indoor air quality. The central utility plant houses centrifugal- and gas engine-driven chillers, boilers and emergency generators.

