

Medical Construction & Design

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FACILITIES MANAGEMENT FEATURE

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DESIGN IN THE FUTURE

Sustainability Drives the Architecture
For Health Firm In The Year 2020

Predictive Maintenance

Ensuring A Healthy Bottom Line

INTEGRATED CAPITAL PLANNING

Powering The
Building Boom



Leopardo Construction Breaks Ground on Expanded Emergency Department for Swedish Covenant Hospital

Leopardo Construction, a leading construction services firm, recently broke ground in Chicago for Swedish Covenant Hospital's expanded and renovated emergency department.

The ceremony marking the start of construction was attended by Swedish Covenant Hospital President and CEO Mark Newton, U.S. Rep. Rahm Emanuel, other government and hospital officials and hospital donors.

"Hospital consolidations and closures have spurred the need to expand our current operations to accommodate an increasing patient census and prepare for future demands," said Newton.

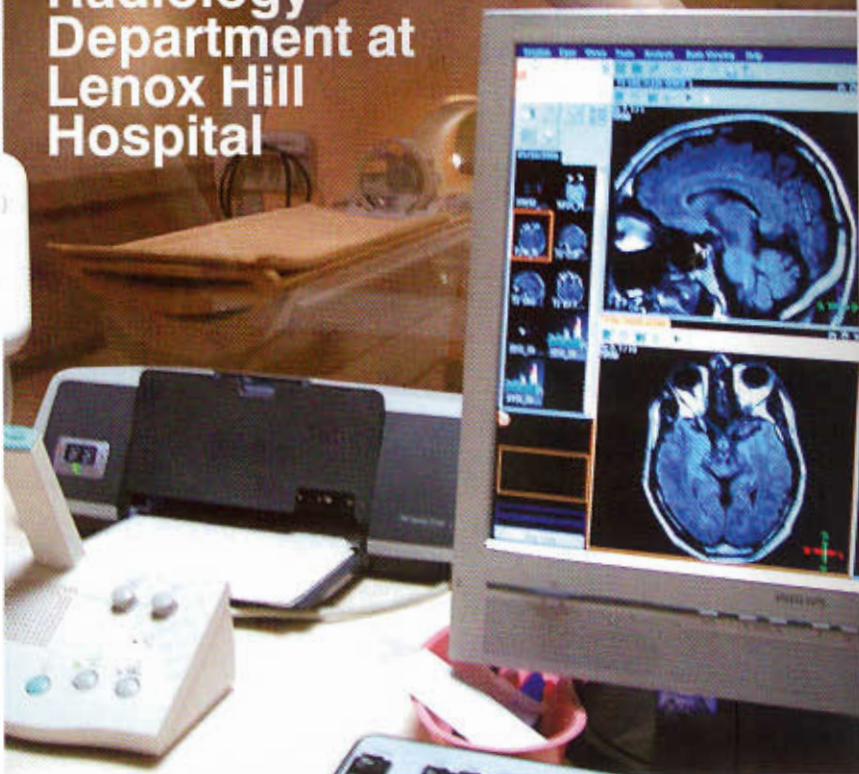
"Neighboring Edgewater and Ravenswood hospitals closed, and patient visits to our emergency department exceeded 41,000 in 2005."

The expanded and renovated department will include:

- 11,000 square feet of new space to



daSILVA Designs Remodel of Radiology Department at Lenox Hill Hospital



A completely renovated and updated department of radiology designed by daSILVA Architects was unveiled at Lenox Hill Hospital in New York City this spring. The new department includes facilities for nuclear medicine, CT, MRI and interventional radiology, for both inpatient and outpatient services. As part of the renovation project, a wide range of advanced imaging technology, including a SPECT-CT, 64-slice CT scanner and ultra-high field 3.0 Tesla MRI, was installed.

The installation of the 3T MRI, a type of scanning that doubles the strength and speed of existing MRI imaging equipment, required intense precision and careful coordination. Building and street vibration were isolated by use of a floating concrete floor. Two types of shielding—magnetic and radio frequency—were employed. A roof hatch had to be installed just to deliver the equipment, which weighs over six tons.



New lighting and interior finishes were chosen to create a soothing environment in the diagnostic and treatment areas. An illuminated sky scene in the MRI room promotes a tranquil environment for the patient. Patient waiting and holding areas, along with support staff areas, were upgraded, while multi-media conference room, offices and staff lounge areas were added to the department's new administrative suite.

For more information visit www.dasilvaarchitects.com.