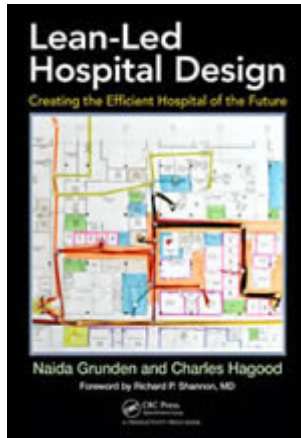


[New Book Promotes Lean Efficiency in Hospital Buildings](#)

Lean-Led Hospital Design describes how, from the earliest possible concept phase, Lean ideas and processes can improve the efficiency of hospital design, and support better and better processes.



Nashville, TN—As new legislation encourages hospitals to compete on quality, hospitals must find new ways to provide consistently efficient and excellent care to every patient—at greatly reduced cost. Lean process improvements, now no longer a “fashion statement” but a prerequisite to excellence, give rise to new opportunities when it comes to the actual hospital buildings.

Instead of building new hospitals that import old systems and silos, the time has come to reexamine our ideas about what a hospital should be. Can the building itself help foster continuous improvement? How can we design space that will be flexible and useful well into the future? How can we do more with less?

Answering these questions and more, *Lean-Led Hospital Design: Creating the Efficient Hospital of the Future*, by Naida Grunden and Charles Hagood (www.leanleddesign.com), describes how, from the earliest concept phase, hospitals can be built to increase patient safety and reduce wait times and handoffs while eliminating waste, lowering costs, and easing some of healthcare’s most persistent problems. The book provides a simplified timeline of architectural planning—from start to finish—to guide readers through the various stages of the Lean design development philosophy, including Lean architectural design and Lean work design. It includes numerous case studies from real healthcare facility design and construction projects across the nation and the world, and interviews with hospital leaders and architects.

Here are some examples:

- A hospital in Kentucky discovers that, by better utilizing its two existing CT scanners, it can eliminate plans to build space and buy two more.
- A Missouri hospital scraps expansion plans when process improvements and inventory control obviate the need.
- Lean processes reduce wait times for patients and reduce inventory. Hospitals plan 30-40% less waiting and storage space.
- Standardized patient rooms reduce risk, increase safety and reliability.
- One hospital builds a facility nearly 25% smaller than originally planned, saving \$40 million of the original \$100 million budget—and recalibrating plans for the new cancer center.
- An immigrant processing center in Abu Dhabi will screen 3500 people every day efficiently, with dignity and respect.

Lean-Led Hospital Design has been dubbed a must-read for any hospital leader or staff member involved in hospital expansion or building, as well as architects, engineers and construction managers.