Strategic Hospital Operations Management and Optimization Training Course

21 - 25 Dec 2026

Cairo

3700 € (Per Person)

Ref: #HOS3213_277185

Course Introduction / Overview:

In today's complex healthcare landscape, the efficiency and effectiveness of hospital operations are paramount to delivering high-quality patient care and ensuring financial sustainability. This course provides a comprehensive framework for mastering the principles of hospital operations management and process optimization. It moves beyond theoretical concepts to offer practical, actionable strategies for streamlining workflows, enhancing patient flow, and improving resource utilization. Drawing upon foundational concepts from experts like Avedis Donabedian, a pioneer in healthcare quality assessment, the curriculum integrates proven methodologies such as Lean and Six Sigma, tailored specifically for the healthcare environment. Participants will explore real-world applications discussed in seminal texts like "Lean Hospitals" by Mark Graban, learning to identify and eliminate waste in clinical and administrative processes. BIG BEN Training Center has designed this program to empower healthcare leaders with the skills to drive meaningful, sustainable improvements, ultimately fostering a culture of continuous improvement that benefits patients, staff, and the organization as a whole. This training is an essential investment for any professional dedicated to achieving operational excellence in healthcare delivery.

Target Audience / This training course is suitable for:

- Hospital Administrators and Executives.
- Clinical Department Heads and Managers.
- Operations Managers and Directors.
- Quality Improvement and Patient Safety Officers.
- Senior Nurses and Clinical Team Leaders.
- Healthcare Project Managers.
- Healthcare Consultants.
- Physicians and Surgeons with leadership responsibilities.
- Healthcare Finance Managers.
- Health Information Management Professionals.

Target Sectors and Industries:

- Private and Public Hospitals.
- Specialty Clinics and Medical Centers.
- Long-Term Care and Rehabilitation Facilities.
- Ambulatory Surgery Centers.
- Governmental Health Ministries and Regulatory Bodies.
- Healthcare Management Consulting Firms.
- Medical Tourism Facilitators.
- Health Insurance Organizations.

Target Organizations Departments:

- Operations and Administration.
- Quality Assurance and Improvement.
- Nursing Services.
- Surgical and Perioperative Services.
- Emergency Medicine.
- Patient Services and Experience.
- Finance and Revenue Cycle Management.
- Information Technology and Health Informatics.
- Supply Chain and Materials Management.
- Human Resources and Workforce Planning.

Course Offerings:

By the end of this course, the participants will have able to:

- Analyze complex hospital workflows to identify bottlenecks and inefficiencies.
- Apply Lean and Six Sigma principles to redesign clinical and administrative processes.
- Develop and implement effective patient flow management strategies to reduce wait times.
- Optimize resource allocation, including staffing, beds, and equipment.
- Utilize data analytics and key performance indicators (KPIs) to monitor operational performance.
- Lead change management initiatives to foster a culture of continuous improvement.
- Enhance patient safety and quality of care through systematic process optimization.
- Develop strategies for cost reduction without compromising clinical outcomes.
- Evaluate the impact of technology on hospital operations and efficiency.
- Align operational improvements with the strategic goals of the healthcare organization.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be immersive, interactive, and highly practical, ensuring that participants can immediately apply their learning in their professional roles. This course moves beyond traditional lectures, employing a blended learning approach that includes dynamic presentations, expert-led discussions, and in-depth analysis of real-world hospital case studies. A significant portion of the training is dedicated to hands-on workshops and group exercises where participants will work collaboratively to solve complex operational challenges, such as mapping patient journeys and designing improved workflows. These interactive sessions are structured to facilitate peer-to-peer learning and the sharing of diverse experiences. Participants will receive continuous, constructive feedback from the instructor and their peers, helping to refine their understanding and build confidence. The program emphasizes the development of critical thinking and problem-solving skills, equipping attendees not just with tools and techniques, but with the strategic mindset required to lead operational transformation within their organizations.

Course Agenda (Course Units):

Unit One: Foundations of Modern Hospital Operations Management

- Introduction to the healthcare operations ecosystem.
- Key performance indicators (KPIs) in hospital management.
- Understanding the patient journey from admission to discharge.
- The role of leadership in driving operational excellence.
- Challenges in contemporary healthcare delivery systems.
- Strategic alignment of operations with organizational mission.
- Introduction to healthcare economics and financial management.

Unit Two: Process Improvement Methodologies for Healthcare

- Principles of Lean Thinking in a clinical setting.
- Applying Six Sigma DMAIC methodology to reduce errors.
- Value Stream Mapping for patient pathways and administrative processes.
- Kaizen events for rapid, focused improvement.
- Root Cause Analysis (RCA) for patient safety incidents.
- The 5S framework for organizing clinical workspaces.
- Poka-Yoke (mistake-proofing) in medication administration and procedures.

Unit Three: Optimizing Core Clinical and Support Services

- Strategies for improving Emergency Department patient flow.
- Enhancing efficiency and throughput in surgical services.
- Capacity planning and bed management optimization.
- Streamlining laboratory and diagnostic imaging workflows.
- Managing the hospital supply chain and inventory control.
- Improving the patient discharge planning process.
- Optimizing outpatient clinic scheduling and management.

Unit Four: Quality, Safety, and Financial Performance

- Integrating quality management systems (e.g., ISO 9001, JCI).
- Developing a robust patient safety culture.
- Healthcare risk management and mitigation strategies.
- The link between operational efficiency and financial health.
- Cost reduction strategies in hospital operations.
- Revenue cycle management and its impact on cash flow.
- Measuring and improving the patient experience.

Unit Five: Technology, Data Analytics, and Future Trends

- The role of Electronic Health Records (EHRs) in operational efficiency.
- Using data analytics and business intelligence for decision-making.
- Implementing real-time location systems (RTLS) for asset and patient tracking.
- Telehealth and its impact on hospital operations.
- Change management for successful technology adoption.
- Leading sustainable operational transformation.
- The future of hospital operations: AI, automation, and value-based care.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

In an era of increasing cost pressures and patient expectations, how can a hospital balance the drive for operational efficiency with the non-negotiable mandate for compassionate, patient-centered care?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by offering a holistic and strategic perspective on hospital operations, moving beyond a narrow focus on individual tools. While many programs teach the "what" of process improvement methodologies like Lean and Six Sigma, this training emphasizes the "how" and "why" within the unique context of the healthcare environment. It focuses on cultivating leadership and change management skills, recognizing that sustainable improvement is as much about people and culture as it is about processes. The curriculum is built around real-world, complex case studies that mirror the multifaceted challenges hospital leaders face daily, forcing participants to integrate clinical, financial, and patient experience considerations in their decision-making. Rather than simply providing a toolkit, the course develops a strategic mindset, enabling participants to diagnose systemic issues, design tailored solutions, and lead their implementation effectively. It bridges the critical gap between operational tactics and organizational strategy, preparing attendees not just to manage operations, but to transform them for the future of healthcare.