

6σ Process Improvement Use Cases for the Healthcare Market

proXimus
CONSULTING

Transform Healthcare Operations with Six Sigma

At ProXimus Consulting, we help healthcare providers **enhance efficiency, patient care, and cost reduction** through Six Sigma process improvement methodologies.

How Six Sigma Transforms Healthcare

Six Sigma enables hospitals and healthcare organizations to reduce errors, optimize workflows, and improve patient outcomes, leading to **increased operational efficiency and patient satisfaction**. Below are real-world use cases where Six Sigma drives measurable improvements..

Use Case #1 : Reducing Patient Wait Times

- ✓ **Problem:** Long patient wait times in emergency rooms and outpatient services.
- ✓ **Solution:** Time-tracking analysis using X-bar & R control charts to optimize staff scheduling and patient flow management.
- ✓ **Outcome:** Faster service, reduced bottlenecks, and improved patient satisfaction.



Use Case #2 : Enhancing Medication Administration Accuracy

- ✓ **Problem:** Medication errors leading to adverse patient outcomes.
- ✓ **Solution:** Process mapping and P control charts to monitor error rates and implement standardized verification protocols.
- ✓ **Outcome:** Reduced medication errors and improved patient safety.



6σ Process Improvement Use Cases for the Healthcare Market

Use Case #3 : Improving Surgical Procedure Efficiency

✓ **Problem:** Variability in surgical procedure times causing scheduling inefficiencies.

✓ **Solution:** Data-driven process analysis using X-bar S charts to standardize procedures and reduce time variations.

✓ **Outcome:** Increased surgical throughput and optimized resource utilization.



Use Case #4 : Optimizing Patient Discharge Process

✓ **Problem:** Delayed discharges leading to hospital bed shortages and increased costs.

✓ **Solution:** Lean Six Sigma process improvements using C control charts to streamline paperwork, coordination, and follow-ups.

✓ **Outcome:** Faster discharge process, improved patient flow, and higher hospital efficiency.



Use Case #5 : Minimizing Hospital-Acquired Infections (HAIs)

✓ **Problem:** Infections occurring due to inconsistent sterilization and hygiene protocols.

✓ **Solution:** Implementation of U control charts to track infection trends and enforce best practices.

✓ **Outcome:** Reduced infection rates, improved patient safety, and compliance with health regulations.



Why Choose ProXimus Consulting?

🏥 **Healthcare Industry Experts:** Our Six Sigma consultants specialize in healthcare process optimization.

📊 **Data-Driven Strategies:** We apply proven methodologies to enhance patient care and hospital efficiency.

✓ **Tailored Solutions:** Custom strategies to meet the specific needs of healthcare providers.



www.proximus.gr



+30 6977 012457



info@proximus.gr



32 Pythagora str, 15562 Athens

