

Qventus for Perioperative Units

Streamlining Patient Flow for Perioperative Care

Key Benefits

- Reduce case delays, cancellations, and holds
- Increase case volumes
- Decrease transfer times to post-op units
- Increase surgeon/ staff satisfaction and engagement
- Improve patient experience and timely access to care

Why Leading Health Systems Choose Qventus

- Activates frontline teams in real time
- Proactively streamlines and automates workflows
- Adapts in real time with predictive analytics and machine learning
- Scales across the health system as an enterprise platform
- Delivers value quickly to leadership and front line teams

The Challenge: Unpredictability and Disjointed Coordination

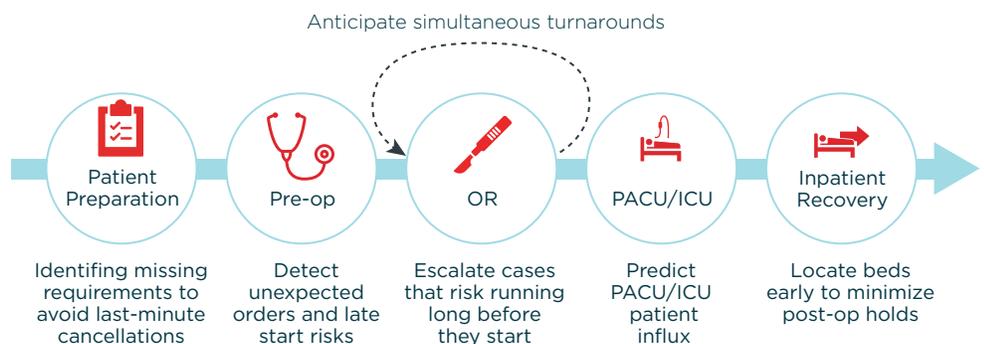
Surgical suites often generate more than half of the revenue for hospitals, yet they are also expensive and complicated to operate effectively. Uncoordinated teams, schedule changes, and late starts force staff to react as the day unfolds. With the chaos of the day, issues are surfaced only after they have impacted utilization and patient flow: frustrated teams are held late to support overrun cases, PACUs scramble to find beds for patients held in the OR, and surgeons are forced to reschedule surgeries when previous cases run long.

Streamlining Perioperative Flow: Prepare for What's Coming

Using artificial intelligence and machine learning, Qventus helps teams gain more visibility into anticipated issues so that they can move with greater agility to proactively minimize case delays and wasted OR time. Monitoring data in the background, the solution intelligently detects potential utilization and throughput bottlenecks such as misestimated case lengths, simultaneous turnarounds, and PACU capacity constraints.

Qventus then identifies high priority actions and “nudges” teams to resolve issues. With virtual huddles, perioperative units coordinate in real time among surgeons, anesthesiologists, periop staff, downstream units, and ancillary departments. Teams are better prepared for impending cases and have greater predictability around schedules. Qventus further optimizes utilization by analyzing scheduling data to better match surgeons with available blocks as events unfold.

Example Interventions



About Qventus

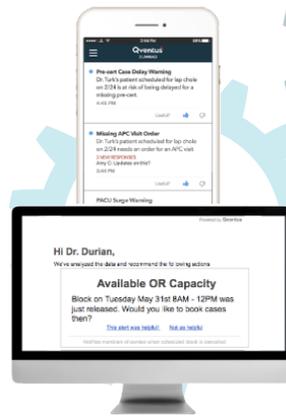
The Qventus mission is to simplify how healthcare operates so that hospitals and caregivers can focus on delivering the best possible care to patients. The AI-based software platform helps leaders and frontline staff make better operational decisions in real-time. This improves patient flow, financial performance, and patient and staff experience across the entire health system and in emergency departments, inpatient units, perioperative units, and outpatient facilities.

Qventus recognizes operationalization of technology is difficult and provides deployment and professional services to support sustained results. Qventus works with clients to facilitate change management, adoption and habit formation, and setup of key governance and other organizational structures.



Serving academic, public and community hospitals across the country

Proactively keep cases on schedule and optimize OR utilization



Analyze impact within minutes, not weeks



Collaborate across the OR, PACU/ICU, and supporting departments in real time

Operationalization Support for Long-Term Results

Qventus provides implementation, training, and change management support for hospitals to engage surgeons and staff and anchor changes for long-term sustainable results. Surgeons and ORs gain access to best practices and custom feedback to identify further opportunities to improve case performance, streamline perioperative flow, and optimize schedules.

Driving Outcomes

Qventus has helped perioperative units improve throughput and coordinate patient flow across the hospital, helping to reduce OR / PACU holds, decrease scheduling errors and cancellations, and improve patient access. With better predictability of schedules and fewer delays, clients have also reported improved surgeon engagement and patient satisfaction.

Qventus has helped clients achieve:

25%
decrease in same-day cancellations

23%
reduction in PACU transfer delays

20%
increase in patient satisfaction scores