

More Efficient Perioperative Staffing and Block Scheduling Drive Bottom Line Revenue



We're able to look at data—by hour and days of the week—to remodel staffing requirements going forward. We've made modifications based on actual historical utilization and **now have predictability about what resources are or are not required**. With dynamic staffing the OR was able to flex its staff based on the demand.

Gloria Lockett 
Perioperative Administrative Consultant



13%

increase in OR utilization



7%

reduction in labor costs with dynamic staffing



50

reduction in hours spent using manual processes for creating reports

Customer Overview

- » Full-service Catholic teaching hospital
- » 554 beds and 10 operating rooms across 2 campuses
- » 17,000 inpatient admissions annually
- » 70,000 emergency patients annually

THEIR PROBLEM

A lack of trustworthy and organized data created operational issues such as:

An inability to align staffing skill sets to surgical demand, resulting in:

- » Idle staff during prime time while others were working overtime
- » The inability to match nurse skillsets to those required of the cases
- » Time-consuming manual processes building staffing reports

Limited insight into block utilization patterns resulted in:

- » An inability to accommodate their surgical demand in a timely manner
- » Reduced margins from OR cases as a result of underutilized workforce
- » Leadership not having the data required to reallocate surgical blocks

OUR SOLUTION

With the advanced analytics in Hospital IQ's Perioperative solution, Trinitas:

Used predictive modeling tools to improve optimization by:

- » Better regulating block utilization and on-time first case starts
- » Properly aligning staffing skills and resources to surgical demand
- » Developing a staffing structure to eliminate over- and underutilized staff

Achieved clear financial and personnel benefits including:

- » 13% increase in OR block utilization
- » 7% reduction in labor costs by optimizing staffing
- » Automated reports replaced manual spreadsheets, freeing up half of one FTE