

More Efficient Perioperative Staffing and Block Scheduling Drive Bottom Line Revenue

**Trinitas Regional
Medical Center**



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