

THE ABDOMINALCENTER AT RIGSHOSPITALET – IMPROVED CAPACITY IN SURGERY PLANNING

In cooperation, the Abdominalcenter at Rigshospitalet (performing abdomen surgery) and Copenhagen Optimization has completed a project to search for possibilities in improving the capacity in surgery planning. Before the project, the Abdominalcenter faced increasing efficiency requirements in a working environment that already included overtime and regular cancellations. The project started here and based on data, we documented that the available capacity for surgery had a utilization of 85-95%.

We identified ten initiatives aimed at raising the utilization by around 3%-points, and at the same time lower overtime usage and cancellations. The implementation of the initiatives required significant change in the way of working, which emphasized the need for thorough consideration in how to enforce further streamlining. Also, the project identified the need for a solution to support planning and evaluation of the daily work.



PROJECT RESULTS

- The quantification of current operations created the foundation for a dialogue between the implicated clinic management teams about the challenges
- Established the base for a dashboard to follow-up on utilization of staff and infrastructure on a day-to-day basis through clear and defined operational goals.
- Clear connection between planned and actual surgery volume identified, this emphasized the need for a surgery capacity plan with a utilization of 70-90%.
- Options identified for overtime reduction by 33% through an improved roster composition

