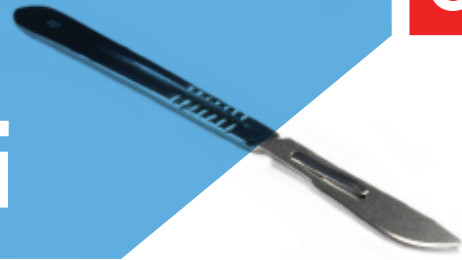


CASE STUDY

# CSC SURGICAL THEATRE SOLUTION

CSC



**CSC Surgical Interventions is an integrated theatres solution developed to incorporate both an Operating Room Management Information System (ORMIS) that manages patient flow through theatres, and Instrument Management Software (IMS) that tracks the trays and instruments used during surgical interventions.**

**CSC is delivering this solution as part of the NHS National Programme for IT (NPfIT) the purpose of which is to integrate patient information that supports clinical decision making. CSC's Surgical Interventions solution already enables over 13,000 NHS users at hospital trusts access to this solution.**

## GREATER EFFICIENCY

Sherwood Forest Hospitals NHS Foundation Trust is one such trust that is benefiting from CSC's solution. It has allowed the trust's surgeons and their teams to schedule operations and track patients across their two hospital sites: King's Mill and Newark. Helping to reduce administrative inefficiencies, it is leading to greater utilisation of theatres and in time will help to increase the number of patients the trust treats.

A similar view was expressed by Jane Patterson, Consultant Surgeon when she stated: "The surgical teams appreciated the support from the IT team and suppliers, CSC. The new system is helping to improve the accuracy of recording the work that is undertaken in theatres and ensures our theatres are in the required state of readiness to help us work effectively. In turn this has a positive benefit for patients."



*"The new system is helping to improve the accuracy of recording the work that is undertaken in theatres and ensures our theatres are in the required state of readiness to help us work effectively"*

**Jane Patterson,  
Consultant Surgeon**

## IMPLEMENTATION

The local CSC team worked with the trust's IT and clinical staff to ensure the movement from the previous paper-based theatre recording system, to CSC's computerised theatre system, caused little disruption to patients and surgical staff.

The trust's clinicians and their teams were involved in the process from start to finish. James Zaman, Clinical Director (surgical division), and project sponsor, commented on this positive approach: "It was good to be involved from the beginning and to be able to contribute clinical opinion. All members of the team helped to make it a smooth and uncomplicated implementation which allowed clinicians time to become familiar with the system and the processes underpinning it. The solution is a very useful tool for the efficient and effective running of a modern theatres department."

## BENEFITS

Around 150 theatre clinicians and their teams use the system. It has brought the many paper based procedures together in one computerised application that tracks the patient from pre-op, through surgical procedure to recovery room. The system provides full information about the patient's status to surgeons whilst ensuring the appropriate equipment and surgical instruments are available at the right time and are ready for use. The system interfaces with the Trust's own patient administration system (PAS) capturing surgical waiting list entries from the PAS onto CSC's solution for scheduling.

CSC ensured that in this project a teamwork spirit prevailed between the various project disciplines, with everyone involved working together to make a real improvement to the care and treatment of patients under the care of the NHS.

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## **About the CSC Alliance**

*The CSC Alliance is responsible for the delivery of the NHS National Programme for IT across large parts of England. Leading the Alliance is CSC, specialists in delivering IT services and solutions across the globe, employing some 9,000 professionals in the UK, and 75,000 worldwide. The CSC Alliance also consists of a number of partners who are well known for developing innovative yet enduring partnerships that deliver sustainable business value over the long term.*

## **About the Programme**

*The National Programme for IT was established by the NHS to support the delivery of world class patient care and services. At the heart of the programme is the NHS Care Records Service, providing an integrated electronic care record that will support an estimated 500,000 staff and over 25 million people across our regions, including over 4,000 general practitioner practices, 100 hospitals, 25 prisons and 20 ambulance trusts.*