

Rationalisation of a Cataract Emergency Theatre trolley, RSH

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December 2022
Getting to Good: Fundamentals in care

We are a busy department running daily theatre lists of elective cataract surgery. Although our eleven Ophthalmic Consultants each have slightly different techniques in their sequence of operating, the operation they perform is the same. Occasionally intraoperatively we may meet with a complication which requires different instrumentation, consumables and/or medication. There is also invariably the possibility of extending the procedure which requires emergency treatment. In order to cope with such incidents and events, it is imperative that such items are at hand. Time is of the essence to guarantee a satisfactory result.

Aim

Ensure Theatre Assistants have all the required items for the daily theatre list and stock levels are agreed by December 2022.

Plan

Using the 5S principles the team agreed what was required in the theatre trolley to support the theatre team. The team sought to ensure correct and adequate equipment is available to create safety whilst reducing the waste of time and motion for colleagues leaving theatre to collect additional items.

Do

The team communicated and gathered feedback from their colleagues regarding the 5S. First, the team **Sorted** the necessary items from the unnecessary. The organisation of the items was **Simplified** by grouping frequently used items together and producing a colour coded stock list which matched the drawers to act as a visual.

Study

The team used the 5s achievement grid to measure the success of their improvement which started at a Level 1 and after 5S and further changes made they reached a Level 3. The team will check and replenish the theatre trolley at the end or beginning of their shift any concerns will be raised to the Manager to support sustainability.

Act

Further work will continue to maintain the standard set. A review of the standard work will be carried out by the Manager to ensure **Sustainability**.



Feedback Staff Nurse

The colour system has helped me so much due to my Dyslexia and Dyspraxia, as it has allowed me to be able to find items with ease, as I can look at the colour key on the theatre trolley, and go the store room, and know which colour section I will find that item in.

Before this system was in place, I found it very difficult to find an item quickly as I was having to look in every drawer before I could place my hands on it.

Feedback Registrar

Expressed his gratitude that everything that he had needed during a complication in surgery, was available and ready. Thus enabling him to perform successful surgery

Level	Continuous Improve	Focus on Reliability	Make it Visual	Focus on Basics	Just Beginning
Level V	Chaos/ problems areas are identified, and prevention actions are in place quickly with minimal effort	Items relating to storage and use - items must be identified to identify point of use	needed items are sorted, dedicated locations are properly labeled and required quantities are determined	needed items are stored and organized according to frequency of use	Items needed are brought in various places throughout the work area
Level IV	potential problems are identified and documented	inspection of area occurs daily and work areas and equipment are inspected and reported	visual control and indicators are established and checked for the work area equipment, files and supplies	work group has agreed on items to be checked and acceptable performance levels documented	no work items are organized and current location is not known
Level III	reliable methods and standards are shared throughout similar work areas	reliable methods and standards are shared by all members of the work group	documentation for all visual controls used	work group has documented agreements for needed items, organization, and work area controls	standards for work area organization are not followed or documented
Level II	root causes are diagnosed and implemented where focus on developing preventive methods	source and frequency of problems are documented as part of routine work, root cause of non-compliance are identified and corrective action plans are developed	work group routinely checks areas to maintain 5S agreement. 5S is incorporated into new staff orientation	documentation of completed 5S is posted in work area	work area checks are not done regularly and there is no visual measurement of 5S performance
Level I					
	Sorting	Simplifying	Sweeping	Standardizing	Self-discipline