

Toronto Western Hospital Spinal 5S Rapid Improvement Event (RIE)

- Toronto Western Hospital (TWH) Central Processing Department (CPD) in collaboration with the Spinal department took advantage of the Lean Event offered by University Health Network (UHN) to all the departments to ensure measures in place
- efficiency
- better time management
- reduce inventory cost
- correct use of resources
- improves the effectiveness of infection and control
- CPD staff and OR Spinal nurses spend a week of their time together to analyze and eliminate waste using the 5S approach.

5S Approach

- Sort
- Set in order
- Shine
- Standardize
- Sustain



Eliminated waste:

- Redundancy in the work flow
- Redundant items from the pick list.
- Numerous phone calls from the OR
- Time consumed by searching frequently used instrument

5 S Approach outcome

- Moved frequently used items to the front and infrequently used at the back of the shelves
- Create an instrument travel cart that can easily access by the OR nurses for instrument frequently called for in CPD during the procedure



Lean process rapid improvement event using the 5S approach is currently used worldwide. The 5S approach assist many organizations in streamlining their work flow, increasing staff morale, reducing unnecessary cost and improve quality service to their client.

Staff at UHN TWH CPD and Spinal surgery nurses were successful with the implementation on the outcome of the 5S.

- The calls made to CPD for the extra items needed during the procedure were reduced by 90%.
- CPD staff were able to turn over A and B cases within 15 minutes with 97% success rate.
- OR nurses were able to provide quality patient care in a very timely manner.