

5s used to create a highly visible and organised working area

- **Sort**



- **Straighten/Simplify (Set in order)**

1 2 3 4 5

- **Shine**



- **Standardise**



- **Sustain**



Sustain the gains



Sort (Organisation)

Separate what is needed from what is not needed. Keep only what is needed, only in the amounts needed, and only when it is needed. Remove unnecessary items.



Set in Order (Orderliness)

Arrange needed items so they are easy to find and use. Label items so their storage sites are easily understood by anyone. “A place for everything and everything in its place.” Implement visual control.

Make things easy to find and use



Sweep & Shine (Cleanliness)

Remove dirt, mess, clutter and dust from the workplace. Keep everything clean and tidy.

Clean the work area



Standardise

Make sure that Organisation, Orderliness, and Cleanliness are being maintained and incorporated into everyday activities.

Operate according to standards and procedures





Sustain

Making a habit of properly maintaining correct procedures and continuously improving workplace conditions.



Sustain the gains

Visual management - helps you to see if equipment is out of place



Colour coded beds - Other equipment that belongs to that bed is also colour coded. This helps staff to know where it belongs. See the green tubes and the green stand.



**A piece of equipment has not been returned
–These are called shadows. You label them with the name of the equipment that should be there.**



18 5 2006



BEFORE LEAN



AFTER LEAN



More appropriate stock levels – based on clinical need

BEFORE LEAN



AFTER LEAN



There were some surprises!

BEFORE LEAN



AFTER LEAN



A photo on the outside of box shows the content of the container - resuscitation drugs. Staff then know what to expect inside the box. This saves time looking for things



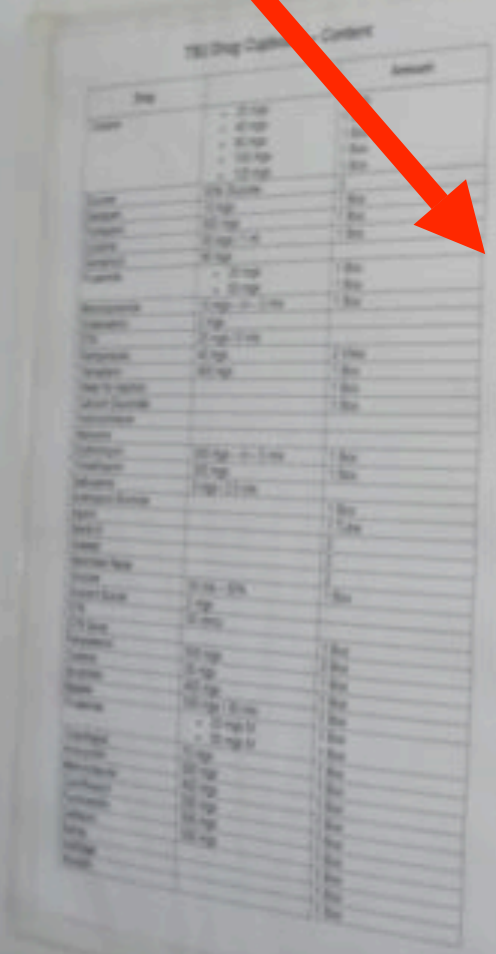
Inside of container - This allows staff to identify if things are missing



18 5 2006

Drugs cupboard – photo showing where to find contents and a list with quantities

List of contents and quantities of drugs cupboard

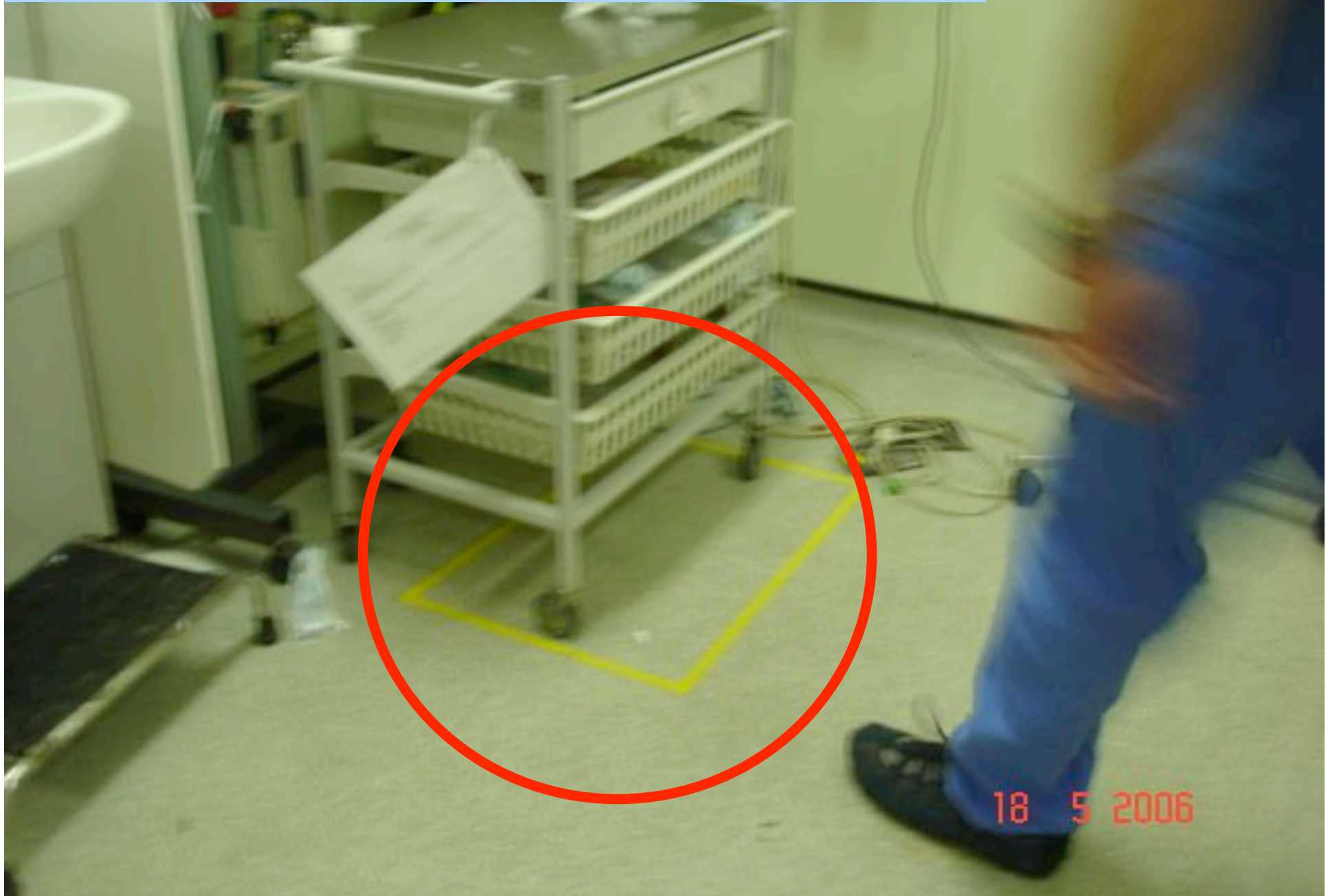


Drug Name	Quantity	Expiry Date
Aspirin	1000	2025-12-31
Paracetamol	500	2025-12-31
Penicillin	100	2025-12-31
Amoxicillin	100	2025-12-31
Ibuprofen	100	2025-12-31
Acetaminophen	100	2025-12-31
Codeine	100	2025-12-31
Morphine	100	2025-12-31
Hydrocodone	100	2025-12-31
Tramadol	100	2025-12-31
Valium	100	2025-12-31
Xanax	100	2025-12-31
Propranolol	100	2025-12-31
Lisinopril	100	2025-12-31
Amlodipine	100	2025-12-31
Metoprolol	100	2025-12-31
Atorvastatin	100	2025-12-31
Rosuvastatin	100	2025-12-31
Simvastatin	100	2025-12-31
Warfarin	100	2025-12-31
Insulin	100	2025-12-31
Levothyroxine	100	2025-12-31
Levetiracetam	100	2025-12-31
Topiramate	100	2025-12-31
Gabapentin	100	2025-12-31
Lyrica	100	2025-12-31
Clonidine	100	2025-12-31
Diltiazem	100	2025-12-31
Nifedipine	100	2025-12-31
Verapamil	100	2025-12-31
Isosorbide	100	2025-12-31
Sildenafil	100	2025-12-31
Tadalafil	100	2025-12-31
Vardenafil	100	2025-12-31
Finasteride	100	2025-12-31
Dutasteride	100	2025-12-31
Testosterone	100	2025-12-31
Human Growth Hormone	100	2025-12-31
Insulin	100	2025-12-31
Levothyroxine	100	2025-12-31
Levetiracetam	100	2025-12-31
Topiramate	100	2025-12-31
Gabapentin	100	2025-12-31
Lyrica	100	2025-12-31
Clonidine	100	2025-12-31
Diltiazem	100	2025-12-31
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Vardenafil	100	2025-12-31
Finasteride	100	2025-12-31
Dutasteride	100	2025-12-31
Testosterone	100	2025-12-31
Human Growth Hormone	100	2025-12-31

Photo of how the drugs cupboard should be laid out



**Tape is use to indicate where equipment show be returned –
at a glance you can see if things are missing**



Phones were moved from desk top and fixed to wall to create space



The store cupboard is also colour coded (with the same colours), so that staff can quickly find and restock contents





On the back on the store room door are standard quantities of what should be in store cupboard



Keys were coloured coded – this saved lots of time – the right key was identified more quickly





No doors on cupboards – so that staff can see what's in them – saves time opening the doors



Pharmacy – After a 5s

Benefits of a Visual System



- # Eliminates non-value-added search time
- # Provides a foundation for process standardization
- # Reduces “space requirements”
- # Communicates “how we are doing” to everyone
- # Can trigger corrective action

Pharmacy RPI



BEFORE

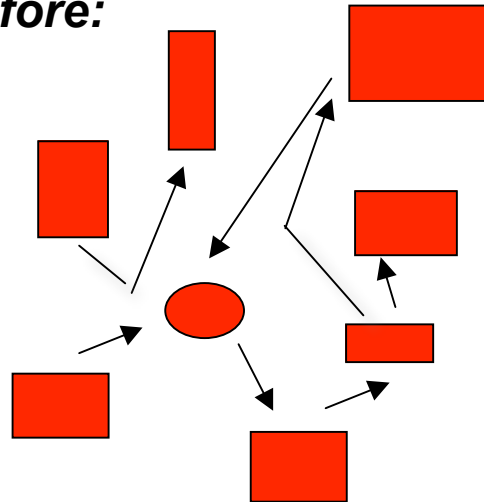
AFTER



Improve flow in the value stream

- Geographically concentrate equipment to perform tasks into a “Cell” or “Line”

Before:



After:

