# Case Study

## Airedale NHS Foundation Trust

# Airedale NHS Foundation Trust at a glance.....



West Yorkshire



324 Acute Beds



3 Paediatric Resuscitation Trolleys



32 Adult Resuscitation Trolleys



3 Neonatal Emergency Trolleys



2 Grab Bags

"We have saved **30-45 minutes nursing time** per trolley each week since **full checks** have been **removed**"

– **Jenny Newbury, Head of Clinical Skills & Resuscitation Airedale NHS Foundation Trust**

## Overview

The resuscitation team at Airedale NHS Foundation Trust initially approached MyKitCheck when looking to remedy three critical pain points surrounding the compliance and insight of the usage of emergency equipment. These were: manual auditing, contents list updates and full trolley checks.

## Manual Auditing

The resuscitation team carried out annual audits of each emergency trolley and grab bag within the Trust. The labour-intensive process involved the manual retrieval of checklists and inputting them into a database by ticking each day. Lists would often stockpile requiring 3 – 4 days of admin time for data entry.

The results of the audit highlighted that as a whole, Airedale struggled to consistently reach a level of compliance in the mid to high 90s. On top of this there was no data surrounding checks making it difficult for the resuscitation team to make improvements.

By taking their emergency equipment checks digital with MyKitCheck the Trust immediately benefited from no longer needing to carry out a manual audit. Jenny Newbury, Head of Clinical Skills & Resuscitation at Airedale said the "ease of reporting and live updates enables the viewing of checks remotely without having to visit each area to check paper lists."

Mark Wagstaff a Clinical Skills Educator/ Resuscitation Officer at the Trust said, "previously audits were labour intensive and difficult to confirm the accuracy of checks carried out."

MyKitCheck provides team leaders with useful data, such as the time taken to carry out each check, to help them determine if the task has been completed thoroughly.

## Content Lists Update

The resuscitation team were also aware of how a seemingly simple task such as a contents list update was actually a lengthy process that could take several days to complete. This was due to it being their sole responsibility to manually print and deliver a new list to each area within the Trust to ensure everyone was working from the same, correct list.

MyKitCheck takes the entire checking process digital that enables any changes to the contents list to be done centrally and pushed out to all users instantly.

This ensures that as soon as any changes come into place teams are updated straightaway. The digital noticeboard feature provides an area where changes or any other information can be communicated so staff can understand why this has happened and then are fully prepared for when they enter a check.

## Full Trolley Checks

The Trust identified full trolley checks as a potential area where time efficiencies could be made by only carrying out a full check post-emergency. However, after further exploration of this it was decided this was "simply not achievable using a paper-based process" says Mark Wagstaff.

Once Airedale was set up on MyKitCheck this goal could finally be achieved. Previously "weekly full checks had to be carried out by at least one registered nurse and one other person" says Mark Wagstaff and now there are "30 – 45 minutes per trolley saved in nursing time since full checks have been removed" says Jenny Newbury.

The option to carry out a full check is still available "for learning and familiarity but now with the added benefits of pictures and instructions" says Mark Wagstaff.

Compliance has improved as MyKitCheck assists users at all levels to be proactive. The resuscitation team can now rapidly identify areas at risk of non-compliance and can pinpoint any areas requiring intervention and support.

Jenny Newbury found it allowed the resuscitation team "to be more pro-active in offering assistance to areas with checking and expiring items in ways previously not able to do."

"Staff now run an expiry report to proactively replace items before alerts are generated which has reduced the workload of managers as they no longer have to action alerts for expiring items" says Mark Wagstaff.

Jenny Newbury says at Airedale there has been an "overwhelmingly positive response from clinical staff and areas" and for herself it has meant "with a few clicks I can see what has and hasn't been done."

To assist the resuscitation team during their roll out they were sent a range of training materials so if "staff have issues the team simply direct them to the 'how to' videos" says Mark Wagstaff.

Implementing a new technology trust-wide can seem daunting at times however, Jenny Newbury found "MyKitCheck stands out from other companies for the level of aftercare which is often lacking once services have been purchased. Queries are always addressed quickly which is crucial when implementing change."

The success of the project hasn't gone unnoticed as Mark Wagstaff says "other areas are now asking for their own checks to be added to MyKitCheck."

"**MyKitCheck** stands out from other companies for the level of **aftercare** which is often lacking once services have been purchased. Queries are always addressed **quickly** which is **crucial** when implementing **change**."

Jenny Newbury, Head of Clinical Skills & Resuscitation
Airedale NHS Foundation Trust



# The Results

All the features embedded throughout the MyKitCheck platform have the ultimate goal of creating real-time visibility of equipment that is safe and ready for use.

## Equipment Safety

**No Unnecessary Opens of the Trolley**
With MyKitCheck staff now only access the trolley during an emergency or to replace expiring items.

**Contents Lists Are Always Current**
Guidelines can change regularly and with MyKitCheck contents lists can be updated trust-wide in an instant.

**Advanced Tamper Evident Security**
The security features on the platform will determine the level of check that needs to be completed to remain compliant.

## Check Accuracy

**Visual Checks**
An image of each item is shown as it appears on the checklist avoiding confusion and need for interpretation.

**Relevant Information at the Right Time**
Additional information on items can be added to present users with all the information they need to be aware of when carrying out a check.

**Patient Safety**

## Alerts

**Proactive Approach to Equipment Management**
Alerts sent when an item is due to expire to give time for ordering and replacement to ensure kit is safe to use at all times.

**Immediate Alerts Sent if Non-Compliant**
Should an item be categorised as missing all relevant staff will be alerted immediately.

## Time Savings

**Time Put Back into Patient Care**
By reducing the number of equipment checks required frees up more nursing time to each week.

**Additional Time for Training**
Admin time for the resuscitation team is minimised opening up more time that can be used for mandatory training and advanced courses.

The **removal** of **weekly full checks** requiring at least **one nursing** and **one non-clinical** staff member has resulted in a combined saving of **1040 hours** per year.






Office: 0330 229 1510
Web: mykitcheck.co.uk
Email: help@mykitcheck.co.uk