



Powys Teaching Health Board

S4S,

BRECON THEATRES PATIENT LINK, STUDY

In June 2021 the Minister for Health and Social Services approved a full business case and associated investment as the first steps to embedding **Scan for Safety** principles and practices across Wales.

With patient safety at the heart of the programme, data standards and data capture technology are being introduced across NHS Wales.

Automating the linkage of uniquely identified
Products, Places and **People**.



It will not only assist in the prevention of patient harm with real-time data at the point of care, but it will provide instant traceability of implanted medical devices should a patient recall be required.

Underpinning the Programme is a contract signed with Omnicell for an Inventory Management Solution (SupplyX) which utilises these standards and handheld scanning technology to underpin the above benefits. Inventory optimisation benefits are integral to SupplyX, at the same time making ordering and replenishment far less labour intensive and returning clinical time back to patient care.

Why Change?

Patient records

The Theatres team in Powys used paper patient records to track items that need to be tracked to their patients. The Supply X system will allow a patient to be attached to a product digitally, removing the need for a sticker to be placed on a patient paper record.

Product recall

If an item has a product recall, at the moment there is a manual time element to physically searching patient records. The Supply X patient link will allow this procedure to be done digitally and instantly, showing whether a product is in a patient, and which patient, or on a shelf in a store room ready for removal.

Digital records

A PAS feed (containing patient name, NHS number, hospital number and patient DOB) into Supply X will enable the linkage of products to patients within Supply X.

The health board can then extract this data from Supply X to facilitate faster patient recalls but also to inform patient level costing.

Product information

At the moment, to track a product to a patient record, a sticker needs to be removed from a box and stuck to a patient record. The new Supply X system will allow the user to track the Lot and Serial number of a product, and as mentioned link it to a location, whether that be a patient or storeroom shelf





Action taken

- Necessary IG data privacy / impact assessments were completed
- The link between PAS and Supply X has been tested and signed off by DHCW
- Supply X can scan a patient's wrist band for easy patient identification
- Set up of all catalogue products to be tracked as part of the S4S project
- An interface was created between Supply X and Oracle to allow for automated ordering, following the use of a product in a Theatre environment
- Training Theatres team:
 - Find patients on system
 - Scanning patients and products for linkage
 - How to track lot and serial number
- Successful product to patient link in both Brecon and Llandrindod theatres

Conclusion

The NWSSP & Health Board continued investment in the Supply X Scan for Safety Programme has allowed NWSSP to deliver an efficient service and support the Health Board to improve patient outcomes.

This has resulted in the ability to release clinical time back to patient care. The project has been able to deliver cost avoidance savings as well as other financial benefits.

With a Brecon Theatres digital patient link, this has allowed for products within scope to be link to patients to capture their procedure within a theatre environment.

This digital patient link has a real time benefit for clinical staff. Once scanned, staff can now search the Supply X database, via an extract, to electronically search patient records for product information should there be a product safety concern or a patient safety concern.

This information will be held electronically, there will be no need for nursing staff to search through patient paper records, allowing patients to be seen, informed and treated quickly, if required, and freeing up clinical teams for patient focus rather than record searching.



Powys Teaching Health Board is now the 1st organisation in Wales to have all theatres connected for Scan for Safety Patient link.



Lessons Learnt

Commitment

Time and potentially resources will need to be committed to the project to ensure it's successfully delivered and the department can gain the future benefits.

Training

Staff availability must be considered to ensure they are being trained and have the opportunity to discuss any queries.

Communication

It is important that consistent communication between the clinical department and business partner is maintained to ensure any changes being updated (new staff, store locations, products, etc).

Engagement

The clinical team must be engaged in the project to ensure success.

Data

Stock audit and consignment stock agreements must be made available to establish and agree products that need to be managed along with par levels.

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