Tough-PAC® Case Study
The Walton Centre

The Walton Centre is the only specialist hospital trust in the UK dedicated to providing comprehensive neurology, neurosurgery, spinal and pain management services.

Digital Journey with Tough-PAC®

Our journey to becoming a paper-lite hospital accelerated during 2016 with the arrival of an in-house developed digital record system. With more clinical staff recording patient information in a digital format at the point of care, the earlier decision of a suitable portable device was achieved a few years ago with the first generation Tough-PAC® case. Having replaced paper observation charts with our own developed e-observation system, the challenge was to have suitable devices, other than laptops readily available. We soon decided that the application suited use of mobile carts for medication ward rounds and the Apple® i-Pad for risk assessments and clinical data collection.

"These cases have been well received and the more recent 2nd generation Tough-PAC were an instant hit with lighter weight, incorporating the newer i-Pad Air."

Tough-PAC® disguises iOS devices, provides protection against damage, is inherently anti-microbial and enables effective cleaning with infection control sprays or wipes without compromising the device.

Implementation

The Walton Centre was no different to any other hospital in the need to use devices with an anti-microbial case in clinical areas, adding to this the importance of durability, safety and security of a product. The move towards digital records had created the need for review of different data collection methods on wards through i-Pads to accompany patients throughout their hospital journey.

Our nursing staff were concerned that a mobile device should not draw attention to it whilst maintaining responsiveness for a user if it was used in an enclosed case. One of the main draw backs of this had been the handling or potential damage to an i-Pad which could cause problems especially when accessing patient records in a fast pace environment or when a patient is in transit. The Tough-PAC was the obvious choice as it looked more a medical device hiding the features of our preferred software allowing for a much safer, cost-effective and environment friendly transition towards a paperless department, said Katie Lawrence, Lead Nurse for POCU

The Trust currently has 160 iPad Tough-PACs. The neatness of hidden cables and an easy to clean glossy finish of the CS-4 product has been warmly received.

The latest i-Pod Tough-PAC product is allowing us to explore further options in the use of smaller hand-held devices and could fit well for our nurses completing regular observations at patient bed side, said Nasser Shaikh, EPR Programme Manager.

About The Walton Centre NHS Foundation Trust

The Walton Centre is a specialist neurosurgical hospital located in Merseyside, England.

Our specialist staff offer a world-class service in diagnosing and treating injuries and illnesses affecting the brain, spine, peripheral nerves and muscles further supporting patients suffering from a wide range of long-term neurological conditions.

In 2016, the Care Quality Commission CQC awarded our hospital an outstanding rating and are one of 13 acute care collaboration vanguard sites to provide patients with a new model of care in neurology and spinal services. The Centre has been approved with ISO27001:2013 accreditation until 2020 and have built a number of in-house products available to purchase including Outpatient Self Check-In System, e-Observation System and Asset Register.

"We have had no breakages of an i-Pad casing in three years, which is exemplary as they look like a clinical device."

Inner-Vision Technology Ltd

If you would like to know more about Tough-PAC® and how it may assist your programs incorporating iOS devices into clinical work please get in touch:

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