

TRANSFORMING ACUTE CARE AT AIREDALE

HOW e-PRESCRIBING HAS SUPPORTED THE DELIVERY OF CARE



We spoke to Tony Bates, Programme Manager, Integrated Health Record & IT Clinical Systems Manager, Airedale NHS Foundation Trust, to discuss the SystmOne Acute Care solution as a full Electronic Health Record (EHR). As well as the comprehensive solution, Tony discussed our e-Prescribing module specifically and how the Trust was maximising the benefits of e-Prescribing.

AIREDALE NHS FOUNDATION TRUST

Airedale NHS Foundation Trust is an acute hospital and community provider with more than 2,000 staff, serving a diverse population of over 200,000. The trust offers a breadth of services including theatres, maternity and intensive care.

Airedale has been using the SystmOne Community module since 2011 and in 2012 deployed the full SystmOne Acute Care solution. Since that time, the trust has successfully embedded SystmOne functionality into day-to-day activity, enhancing organisational workflows as a result. They have also experienced the benefits of shared care, with the ability to securely share the comprehensive SystmOne record with the numerous healthcare services using SystmOne across the entire region.

ACHIEVING NATIONAL TARGETS

SystmOne is enabling the trust to achieve national targets in regards to A&E attendances and admissions. Tony has noted the improvement this has made on the delivery of care in A&E.

“SystmOne makes it so much easier to track and monitor waiting times and patient workflows in our A&E department. Similarly, within inpatients, seamlessly integrating the PAS with Bed Management functionality provides us with complete visibility to manage patient flow across the hospital, access key patient information and easily review discharge statuses. As a result, this is facilitating the trust in achieving both the 4 hour waiting target and the 24-hour discharge target, as well as better allocating the trust’s resources.”

DELIVERING CONNECTED CARE ACROSS A REGION

Within Bradford and Airedale, SystmOne is deployed across GPs, community, child health, as well as palliative and urgent care settings. At Airedale, deploying the acute care module has enabled healthcare professionals to access a complete SystmOne EHR, and enhanced links with primary care services in the area.

“Accessing the shared EHR with rich patient information has largely improved efficiencies regarding quicker and more effective data capture for national data sets, such as CIDS (Community Information Data Set). An integrated record is also enabling us to view vital data for immediate patient care including allergies and preferred place of death.”

Due to the integrated record, Airedale rates significantly better than the national average regarding preferred place of death. For example, 41% of patients at Airedale were able to die at home in the year 2013/14 compared to the national average of 22.4% (see figure 1).

“SystmOne supports us in being able to achieve this by making information accessible quickly, through shared clinical pathways, allowing us to deliver better care.”

e-PRESCRIBING

As well as experiencing the tangible gains of a full EHR, the trust most recently went live with SystmOne e-Prescribing and is already starting to reap the rewards. The module is allowing Airedale to deliver better patient care in many ways:

REDUCTION IN PRESCRIBING ERRORS

“Through accessing the shared record, there has been a reduction in transcribing errors between primary and secondary care, as well as increased visibility over pre-admission medication. This, alongside real-time decision support for allergy checking, enables us to make much more informed decisions regarding administering medication, including better antibiotic prescribing.”

INTUITIVE CLINICAL TOOLS

“Interactive medical charts and visibility of all drugs charts means all current and past medication can be easily viewed by staff at the trust. In addition to this, having a single, joint up system means there is a single sign on for staff making the prescribing process much more efficient.”

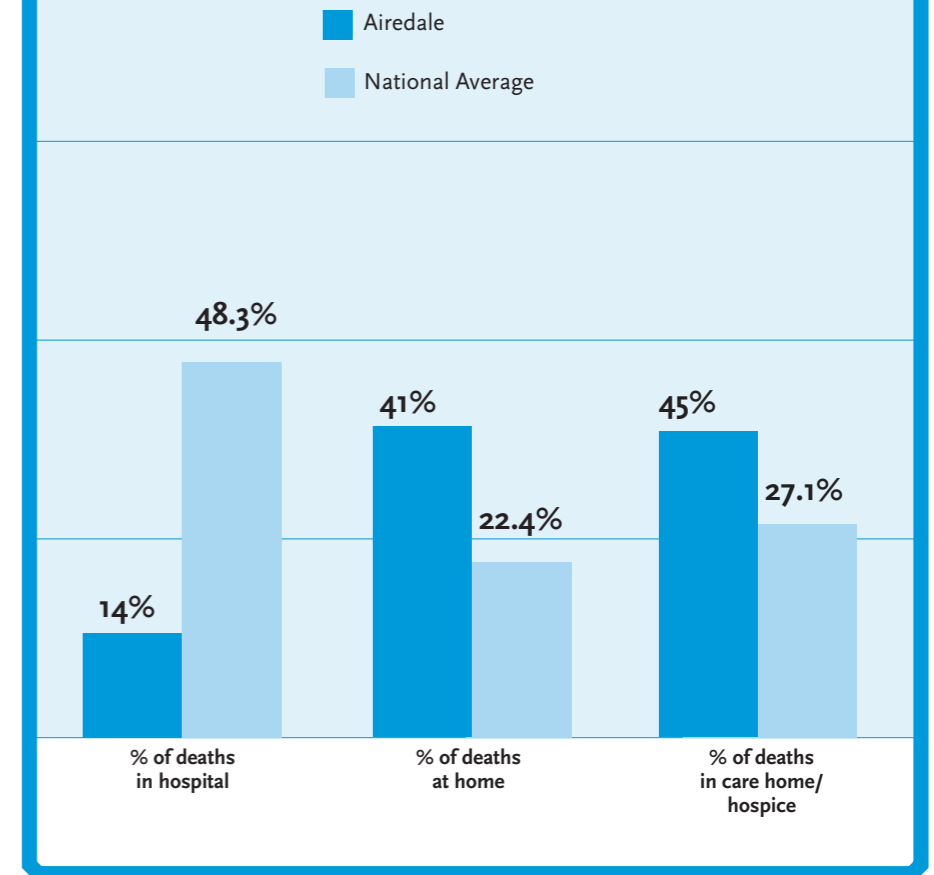
MANAGEMENT AND STOCK CONTROL

“The module enables us to track, monitor and electronically order more stock for wards. As we can now order drugs more efficiently and promptly, delays in medicine administration have been reduced.”

“What’s unique about SystmOne is the shared record. Being able to seamlessly integrate with other providers, including palliative services means that all the vital information is available to us as soon as the patient arrives for treatment. This includes what medication they are on from their GP and any scheduled medication and allergy information. Complete visibility allows staff to access SystmOne across all areas of the hospital and remotely.”

CONNECTED CARE AT AIREDALE

Figure 1



FUTURE PLANS

As a flagship trust adopting a single-system approach to acute care, Airedale wants to continue to enhance links with other healthcare providers in the region. Regarding the e-Prescribing module specifically, Tony wants to further develop communication links with primary care to enable specialists at Airedale to make recommendations to GPs. The aim is for Bradford and Airedale to reflect a truly connected health and social care economy.

“We want to continue to collaborate with local health and social care providers around shared care pathways to be able to make full use of the shared EHR. We also want to be able to establish better links with patients with the use of SystmOnline, enabling more direct electronic communication between patients and clinicians in a similar way to eConsults [eConsults is functionality in SystmOne allowing for secure electronic communication between GPs and specialists].”

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