

## **LORENZO Regional Care**

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LORENZO Regional Care is a single solution replacing existing clinical management and Patient Administration Systems. It is being delivered in a number of deployment units, each one extending and building on the one before. Individual units can be deployed as a single project or grouped together to achieve wider benefit.

LORENZO's electronic patient record (EPR) is driven by patients' clinical information and the needs of users. The EPR can be securely accessed from multiple locations and care settings, allowing information to flow between healthcare professionals and administration users as appropriate. Configurable views provide a complete, real-time and shared view of a patient's history. The structure of the EPR supports standardised record keeping and is fully auditable.

Clinical information will be stored using SNOMED CT terms. Clinical notes can be created either in a text editor that supports clinical headings and encoding of SNOMED CT concepts, or using structured data capture forms.

Standard functionality allows the creation of patient lists to enable users to find their patients quickly. The patient record can be easily accessed from any list, and clinicians can view a patient's EPR in a number of ways, including a timeline view configurable to a preferred level of detail and timescale. Clinical tasks, such as reviewing results, can be generated automatically or manually from a patient's EPR, allowing individual users to manage workload effectively. This includes the ability to escalate or re-assign tasks to other clinical staff.

Requesting and Reporting is accessed from a single screen and clinicians can authorise, schedule, repeat, cancel or suspend requests. Users can create 'favourites' lists and request groups of tests, investigations and services, based on predefined protocols or agreed rules. Results can be filtered and viewed in a number of ways, including graphical trending.

Across LORENZO the 'favourites' feature helps to minimise the extent to which clinicians need to navigate through the system and can be used to help personalise the system to the user's needs.

LORENZO is designed to comply with the highest level of security standards to ensure patient confidentiality. Smartcards identify users, and role-based access ensures that each user has the functionality they require to do their job. The legitimate relationship functionality ensures that access to records is based on involvement in a patient's care.

There are a number of clinical benefits associated with LORENZO, including the potential to reduce clinical risk, improve clinical outcomes, enhance workflow and improve communication.

Accompanied by appropriate organisational change, there is the potential for significant service improvement. As almost every aspect of healthcare delivery is information intensive, LORENZO can make processes safer, more effective and more efficient.