Sunrise EMR & PAS – Benefits for healthcare professionals

Sunrise EMR & PAS (or Sunrise EMR) is South Australia's electronic medical record and patient administration system.

The system is in place at public hospitals and healthcare facilities across metropolitan Adelaide and is being progressively implemented across regional hospitals and health precincts. Sunrise EMR replaces paper-based medical records and is designed to transform the way clinicians deliver care by providing a fully integrated and accessible patient medical record.

This fact sheet outlines the benefits of Sunrise EMR for healthcare professionals who use the system.

Improved safety

Sunrise EMR & PAS:

> provides clinicians with the most comprehensive, accurate and up-to-date information about a patient.

> includes enhanced medication safety protocols to provide clinicians with prescribing requirements and alerts to reduce dosage and allergen errors.

> helps clinicians more effectively diagnose patients through clinical decision support tools, e.g., specific order sets, summaries and reminders, saving valuable time.

> enhances clarity and legibility for all users of the system.

> enables the detection of abnormal physiological parameters which allows the clinicians to assess for conditions such as sepsis and can prompt medical review.

> has system reporting capabilities, including dashboards, that enable the detection and monitoring of health conditions such as precaution orders related to infection control.

> allows orders to be placed and tracked in real time at the point of care, thereby reducing the risk of errors and duplication.

> enables additional safety checks through the verification and approval of orders and patient treatment documents.

> provides relevant status reports and tools to ensure continuance of patient care during system outage/downtime.

Improved patient information access and care transition

Sunrise EMR & PAS:

> provides accurate and complete patient information at the point of care.

> enhances continuity of care as clinicians have access to patient information across multiple public healthcare sites.

> securely shares electronic patient information with clinicians across the health system, e.g., between Emergency Departments, Inpatient/Outpatient specialists, GPs and other healthcare providers.

> provides a central point of access to a variety of clinical results and reports from an increasing range of diagnostic and therapy-related systems, e.g., medical imaging, pathology, chemotherapy, gastroenterology, respiratory.

Improved quality of care

Sunrise EMR & PAS:

> enhances communication between multidisciplinary teams, leading to better informed patient care plans.

> promotes comprehensive systematic information collection through structured and templated patient documentation to inform the patient's medical history and condition.

Improved practices / processes / workflows

Sunrise EMR & PAS:

> standardises patient administration, e.g., management of appointments, referrals, patient waiting lists.

> improves standardised clinical work practices and processes.

> ensures compliance with national and state policies and protocols including statutory reporting.

> helps clinicians more effectively diagnose patients through clinical decision support tools, e.g., specific order sets, summaries, and reminders; saving valuable time.

> improves bed management processes, e.g., bed availability and transfers.

Improved efficiency

Sunrise EMR & PAS:

> provides enhanced usability, e.g., standardised templates, user preference settings.

> improves productivity, providing quick access to patient records and medical history.

> provides more efficient documentation, charting and uploading of information.

> enables mobility via the mobile app or Clinician portal anywhere, anytime.

> enables users to contribute to ongoing system improvements and enhancements.

Improved collaboration and research capabilities

Sunrise EMR & PAS:

> provides timely, clinically relevant information for research and development, e.g., criteria-based reports.

> facilitates population-based research to improve health outcomes for our community.

> enables the use of the Data and Analytics Platform (DAP), a tool developed by the Office of the Chief Medical Information Officer (OCMIO) to provide clinicians and researchers with curated, visual and sharable data to enable insightful and data-driven decisions.

Privacy and security of patient medical information

Sunrise EMR & PAS:

> enhances the privacy and security of patient data.

> provides different levels of access to healthcare staff depending on their role, e.g., read-only access.

> enables enhanced privacy features for specific patients, e.g., at-risk children, patients under police guard/custody, patients at risk from potential (unwanted) visitors, who require a higher level of confidentiality and security.