

HOSPITAL & CLINICAL SOLUTIONS

# **PATIENT MONITORING** WITH A POWERFUL TOOL FOR MOBILE DEVICES

**NurseAide**

# GET INSTANT ACCESS TO CRITICAL TASKS AND OBSERVATION DATA ON YOUR MOBILE DEVICE AT THE POINT OF CARE

Nurses play an essential role in a patient's safety and well-being, so they need instant access to critical patient information at the point of care. NurseAide is a mobile assistant that lets nurses check scheduled treatments, administer medications and record performed actions quickly and easily.

NurseAide has been designed with clinicians and supports clinical demand by providing a mobile app solution with a simple, easy to use interface that provides real-time access to crucial information, monitoring of observations and management of simple tasks at the point of care for multiple encounters such as inpatient, emergency and outpatients.



### ACCESS

Configure and default to the patient list for the area you are working in



### MANAGE

Select the patients you are looking after



### VIEW

Select the patient and view tasks



### RECORD

Select the patient task to complete it



### SCHEDULE

Confirm or adjust the schedule for the next task



### MONITOR

Monitor your patient's level of deterioration from your patient lists



### WHY NURSEAIDE?

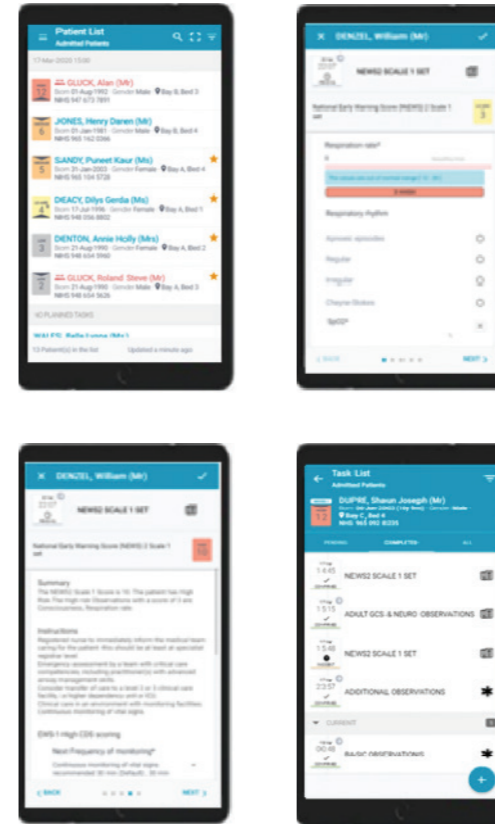
NurseAide is part of our intuitive suite of patient management and clinical applications. It provides real-time monitoring at the point of care through national and locally defined standards to support the prevention of deterioration of the patient and the management of ongoing care.

NurseAide allows nurses to monitor their patients using platform independent (IOS, Android) mobile phones with a simple, intuitive user interface. This means less time searching for patient information and more time focusing on what matters: patient care.

# IMPROVING CLINICAL DECISION MAKING FOR BETTER PATIENT OUTCOMES

NurseAide works on multiple platforms, using configured patient lists with immediate access to tasks and the ability to record and view observations, complete questionnaires and record simple medication administration. It supports key decision making with easy access to observation trends via tabular and graphical views, avoiding the need to access the main EPR, ensuring the nurse can always stay with their patient when needed, which supports quality of care and improves patient outcomes.

Our solution meets a healthcare organisation's needs by supporting critical nursing processes, reducing clinical risk and supporting clinical governance, facilitating 24/7 monitoring of their patients and streamlining communication between clinical staff, increasing infection control and reducing paper.



### THE STRENGTHS

- Provides seamless access to patient observation data anywhere, anytime.
- Supports improved clinical processes.
- Enables prevention of deterioration of the patient saving time and money with reduced length of stay and ITU admissions and ultimately improved patient care.
- Provides a single, unified view of patient clinical data on a handheld device, like having your “patients in your pocket”.
- Improves patient safety with task driven workload to provide efficiencies and adherence to local and national standards.
- Is clinically accepted and reduces the transmission of paper supporting infection control.
- Improves patient safety by providing timely, accurate information at the point of care.
- Enhances clinical decision support.
- Increases nurses' mobility and time spent with patients.



## KEY BENEFITS

**Reduced costs, better outcomes:** NurseAide is designed for healthcare providers who want to reduce operational costs and provide their patients with higher quality care and better outcomes. Active monitoring and management of patients' early warning scores are known to prevent deterioration and as such reduce the length of stay, cardiac arrests, and intensive care admissions.

**Increased efficiency:** NurseAide helps increase efficiency with instant access to "patient data in your pocket", as nurses go about their daily tasks. Observations scores are automatically calculated providing time and quality improvements with nurses spending less time logging in and out of desktops, and more time on patient care.

**Better patient management:** Nurses can define their own worklist to manage the patients they need to care for, including their colleague's patients during breaks, without the need for paper. Task-driven workflow supports a more effective method to ensure patients that require observation are monitored more regularly with embedded national and local protocols. The nurse can easily see when medication needs to be administered or simple care needs to be confirmed.

**Better patient engagement:** NurseAide facilitates patient engagement as the nurse has more time at the bedside and less time at the nurses' station, entering data into a desktop computer.



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**Patient monitoring:** NurseAide lets nurses closely monitor patient progress. Each patient list has early warning scores displayed which clearly show if the score has increased or decreased. Nurses have access to tabular and graphical trends in their pocket to monitor data for patterns of improvement or deterioration.

**Remote monitoring:** NurseAide supports remote monitoring of patients through automated patient lists provided to senior nursing staff. Where patients are deteriorating, ward managers can see the patient status at a glance from their office or the nurses' station and can see immediately if patients are deteriorating or if observations have been completed as per protocol.

**Clinical acceptance:** NurseAide has been designed with clinicians.

**Patient safety and governance:** NurseAide enables nurses to view live clinical data to make active, clinically safe, decisions. Nurses are warned where data is mandatory, incorrect, out of range or restricted. The removal of paper supports infection control standards and prevention of the transfer of infection.

**Process and decision support:** NurseAide provides a guided clinical process to support task-related workflow at the bedside, to support nurse rounds and to plan and document care. A patient summary and task list is provided to the nurse at the point of care with decision support for ongoing process and schedules.

**Streamlined and secure information:** NurseAide uses Open Health Connect to connect both administrative and clinical data for use on a single, intuitive mobile interface. To protect patient information, no data is stored in the device's memory, and user access is controlled via OpenID authentication.

**Reduced learning, supports standards:**

NurseAide has a simple intuitive user interface boasting nurse acceptance. It supports local and national standards, ensuring that the nurse has all the tools in hand embedded in their everyday workload.

**Platform independent design:** The nurses' handheld mobile solution is supported on IOS and Android and provides "patient data and monitoring in your pocket" for the location you are working in or across locations for deteriorating patients.

**Optimal interoperability:** Dedalus healthcare offerings, including NurseAide, are architected using Fast Healthcare Interoperability Resources (FHIR) APIs, the current industry standard for integrating healthcare applications.

**Scalability:** NurseAide supports the latest technology and the roadmap supports the scalability to integrate with other EPRs via Open Health Connect and localised and national standards.



## KEY FEATURES

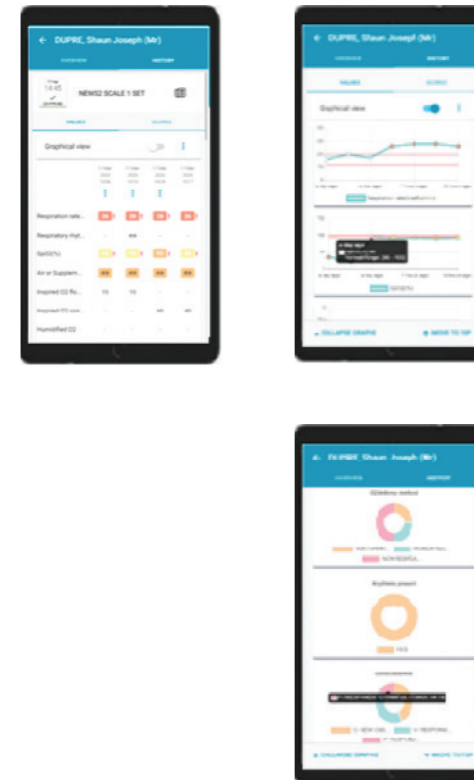
NurseAide has a wide range of features to help nurses deliver improved care and prevent patient deterioration:

- **Preferences:** User/role defined inpatient, emergency, outpatient lists that can be defaulted for login where needed.
- **Patient lists and search:** Workload is displayed by task order for each patient and includes the early warning score so the nurse can monitor the patient's deterioration. Users can search for patients by barcode (GS1 compliant), ID or advanced search (e.g. by encounter) to record observations or to support any administration delay.
- **Notifications:** A rules-based notifications system to notify of events such as new or pending admissions.
- **Dynamic list views:** An automatically generated worklist for admitted patients with defined NEWS2 criteria to support critical care outreach and to prevent the patient from deteriorating and being admitted to the intensive care unit.
- **My worklist:** User/role defined worklist of patients added from any list to support the management of shift workload or patient follow up.



## NurseAide

- **Task lists:** On patient selection the user can see the list of pending tasks for the patient such as observations, medication to be confirmed or care and diet needs or can choose to view or manage completed tasks.
- **Summary & detail views:** View patient summary information such as main condition, allergies, encounter and appointment details.
- **Recording observations:** The nurse can record scheduled observations with mandatory and optional values, or can choose to record non-scheduled or ad-hoc observations.
- **Standard and local questionnaires:** NurseAide supports localised questionnaires to assist with other task monitoring such as diet and care needs.
- **Strikeout observations:** Users can strikeout or edit an observation, must record a reason, and where this was the latest scheduled task, the task is automatically rescheduled.
- **Skip observations:** Users can skip the recording of full or individual observations but must record a reason and where this was the latest full observation the task is automatically rescheduled.
- **Manage scheduled observations:** Full control of the scheduled task is provided, to the registered nurse, with the ability to change the schedule chart type, next scheduled task or to stop the task.
- **Chart, tabular and graphical views:** Results and observations (tabular and graphical views) are available to monitor patients over time.







# Dedalus

[www.dedalus.com](http://www.dedalus.com)

## **About Dedalus**

Dedalus is the leading healthcare and diagnostic software provider in Europe and one of the largest in the world. With its innovative framework of comprehensive and process-oriented solutions, Dedalus enables a revolutionary digital transformation of country-wide Healthcare Systems fully supporting the patient digital journey. Dedalus serves more than 6,100 private and public hospitals across 40 countries, through more than 5,500 highly specialized resources, of which 2000 are dedicated to R&D activities. We aim to help caregivers and healthcare professionals to deliver better care to the communities they serve and for this reason we are very proud of doing a special job, working with healthcare organisations to improve healthcare outcomes for patients.

Life flows through our software.

For more information, visit [www.dedalus.com](http://www.dedalus.com)