

Centricity™ High Acuity Critical Care



by anandic⁺

360° OF ACTIONABLE CLINICAL INSIGHTS
TO SUPPORT CRITICAL DECISIONS

CHALLENGE:

In fast-paced critical care units, clinicians must often make multivariate high-risk decisions based on incomplete patient information. The problem? Disseminated data and disconnected systems.

These gaps in clinical transparency contribute to care variation, and can prevent critical care units from achieving their desired clinical and operational outcomes.

SOLUTION:

Centricity High Acuity Critical Care is a clinical information system that doesn't just aggregate comprehensive patient data – it helps prioritize the most relevant insights to enable faster, more informed decision-making.

Caregivers and managers can access specialized clinical data, supported by relevant expert and best practices guidance to enhance clinical expertise, reduce paperwork, increase workflow efficiency, and improve outcomes throughout the critical care unit.

19% ↓

reduction in patient
length of stay¹

23% ↑

increase in patients
discharged¹

£0.5MM

increase in income
due to automated
data collection¹

Time saved
equivalent to

17.5 FTE

nursing staff per year¹



1. Case report from University Hospitals of North Midlands NHS. Performance may vary for different customers.



Centricity High Acuity Critical Care is designed for workflows in all critical care areas, from neonates to adult patients. At each monitor, caregivers can enter and access data on patients throughout the unit, enabling:

- Automated multi-source documentation with clinically relevant data visualization
- Diagnostic and clinical decision support
- Care prioritization via intelligent notifications that highlight the most critical patient cases*
- Continuity of care between critical care and anesthesia

DISCOVER NEEDS

Helps to align staff and resources to changing priorities.

Unit View – See all information related to patients (e.g. severity, patient in admission/discharge) and bed utilization in all acute areas in one view—to manage the unit(s) more efficiently.

Patient List – Assess key patient indicators at a glance (such as criticality, acuity, automatic scores, follow-up flags) to improve the admission/triage process and enable caregivers to prioritize their attention.

Care Prioritization/Clinical Notification* – Stay on top of dynamic patient conditions with clinical notifications that help the team focus on the most critical patients and care activities.

See screenshot on back

OPTIMIZE WORKFLOW

Helps to manage the daily routine to improve patient safety and staff productivity.

Integrated order management – Improve efficiency and compliance in ordering therapy, medications, and care activities through Hospital Information Systems integration. Orders can be pre-scheduled and task reminders keep workflow on track.

Medication safety check – Enhance patient safety and avoid adverse drug events with optional integration with certified drugs database.

Worklist – Follow step-by-step processes (for admission, discharge, and other tasks) to improve compliance and facilitate hand-overs. Worklists can be localized to your processes and specific patient groups.

IMPROVE OUTCOMES

Helps to improve clinical and operational outcomes to benefit patients, staff, and your institution.

Organ/Functions Approach – See dynamic and intuitive views organized per organ and functions, making it easier to target problems and track progress. Trends, fluid balances, lab results, automated scores, observations and more are available in one place to support the clinical decision-making process.

Clinical Expertise – Access localized clinical guidance in such areas as nutrition management, lung protection, and kidney management to aid early detection* and personalized care.

See screenshot on back

Embedded Protocols – Customize protocols (such as lab test request and bloodsamples, X-ray protocols, wound care) to improve compliance with your practices.

BOOST PERFORMANCES

Helps to generate insights and drive continuous improvement via onboard analytics.

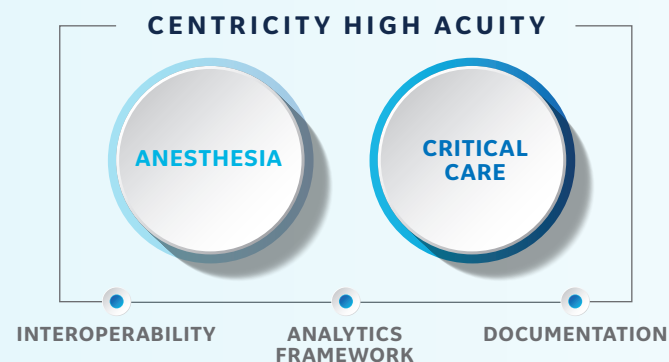
Pre-built critical care dashboard for clinical & operational use.

Tailored analytics solution to meet your department needs.

Simplified report generation – Produce detailed reports for billing, benchmarking, and quality registries easily and quickly with our data and extraction tools.

CENTRICITY HIGH ACUITY

Centricity High Acuity Critical Care is part of the Centricity High Acuity Platform. Our integrated approach is designed to help ensure continuity of care from pre-op and intra-op to post-op and Critical Care, as well as interoperability with other IT systems and devices.



* Requires the Clinical Notification Module that assists the clinical user to identify potential clinical events.

UNIT VIEW WITH CLINICAL NOTIFICATION

The interface displays a grid of patient cards for ICU beds 01 through 19. Each card includes patient information such as name, date of birth, and medical history. A right-hand sidebar titled 'Arriving' lists patients like Craig, Toby and Adams, Kevin with their arrival times and medical notes.

CARE PRIORITIZATION

NUTRITION MANAGEMENT WITH TRENDS

The dashboard for patient Baker, Tim shows a timeline from 04/05 to 07/05. It tracks Glucose (mg/dL), Nutrition (ml), and Energy (kcal) trends. On the right, 'Recommendations and targets' are listed for Energy (25 kcal/kg/d), Protein (0.8 g/kg/d), and Glucose limits (14 mmol/L critical high).

CLINICAL EXPERTISE

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MEDICAL SYSTEMS



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JB69607XE