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*Intelli*Space

Critical Care
and Anesthesia

Enhanced care
for your acute patients

Clinical decision support with comprehensive documentation for the critical care environment

Access to comprehensive patient information is vital in the clinical decision–making process. Nowhere is this more evident than in the hospital critical care environment, where patient care generates a massive amount of data. Yet the ability to integrate, aggregate, and analyze this data remains a tedious and time–consuming process for most healthcare facilities.

IntelliSpace Critical Care and Anesthesia (ICCA) is an advanced clinical decision support and documentation solution. Specializing in the complex critical care environment, ICCA works with other documentation systems and features interoperability that supports patient documentation throughout the care continuum.

ICCA centralizes and organizes patient data, including admissions documents, vital signs, labs, and consult notes — to put the clinical information that you need front and center. Through embedded clinical decision support, ICCA transforms patient data into actionable information, helping you make informed decisions, highlighting and identifying adverse events, and enhancing the quality of patient care.

- Enhances patient care
- Transforms clinical data into actionable information for increased diagnostic confidence
- Provides for standardized, structured documentation across units
- Leverages enhanced interfaces to expand clinical capabilities

Simplify clinician workflow

Quick access to the right information
With the extensive data collected on critical care patients, it can be difficult to focus on the specific information you need. ICCA's Patient Summary provides filtered overviews of the patient's condition drawn from the vast amounts of information. The Patient Summary displays multiple parts of the chart on a single screen, presenting a current picture of patient condition at a glance.

Create an ongoing record
The Care Continuum feature allows the easy flow of information from the ICU flowsheet to the anesthesia record, and vice versa. Patients who receive care in both the OR and the ICU benefit from a constant, ongoing record of care, focusing on intake sites, output sites, fluid totals, and key intake therapies.

Integrated order management
With ICCA, orders for infusions, IV drips, and medications, as well as interventions, are automatically reflected throughout a patient's chart and on nurses' worklists. Plus, thanks to the Philips focus on delivering interoperable clinical IT solutions, the solution integrates with any HL7-based, in-house Computerized Physician Order Entry (CPOE) and pharmacy information system.

Adverse Drug Event (ADE) identification
When you enter a drug order, ICCA's Medical Reference module displays adverse drugs, allergy contraindications, or inappropriate drug therapies. These potential adverse events are defined and identified by a third-party medical reference vendor. One study found an ADE incidence of 8.5 per 100 admissions,[1] highlighting the value of a system that alerts you to potential problems at the ordering stage.

Easy distinction among drug lists for different units
Because different drugs are used depending on the unit and clinical situation, we've made it easy to configure multiple medication lists for discrete dose medications and drips.

Fixed volume dosing for NICU drip orders
Fixed volume dosing allows your smallest patients to receive the prescribed amount of fluid. When you adjust the infused drug rate, the concentration changes while the infused volume rate remains constant.

Increased mobility
ICCA adapts to hospital IT and mobility strategies. Access patient charts securely from virtually wherever you are – in your office, on the IntelliVue patient monitor at the bedside, on a wireless tablet during rounds, on a laptop at home. It is all about making relevant, actionable information accessible at the point of need, wherever that may be.

IntelliSpace Critical Care and Anesthesia – like other Philips clinical informatics and patient care solutions – is designed to simplify clinician workflow and improve financial outcomes.

[1] Klopotowska, et al. BMC Health Services Research 2011, 11:124.

Improve financial outcomes

Timely, appropriate reimbursement

Diagnoses and procedures can be entered either in free text – by selecting from standard coding catalogs – or from easily integrated house catalogs. An embedded search engine and hit lists make it easy to find the codes you need quickly.

Standardized infrastructure

ICCA leverages internal reference terminology to allow both report standardization and customization to meet unique hospital conditions.

Use existing IT infrastructure

We provide standards-based interoperability. Our solutions support IHE standards and build on your technology investments to help you achieve your mission for continuously improving patient care, efficiently and cost-effectively.

Reduce complications with clinical support

Studies have shown that Clinical Decision Support (CDS) tools decrease critical care length of stays, which decreases costs. ICCA has developed innovative CDS tools to help clinicians evaluate patients and plan interventions. Clinical advisories point out potential problems early – before they have a chance to develop. ICCA comes with evidence-based advisories with the potential to create more. With a flexible rules engine, each hospital is able to create their own advisories, driving the workflow and care that their individual institution demands.

Drive evidence-based care

Based on widely accepted guidelines, care bundles can help increase the quality of care. ICCA helps implement evidence-based care guidelines, focusing on five key care bundles: ventilator associated pneumonia, central line associated bloodstream infection, glucose management, deep vein thrombosis identification, and sepsis resuscitation and management.

Quality, research, administration reporting

One of the greatest values in a clinical information system comes from what you do with the information. Due to the visionary ICCA architecture, the reporting database doesn't interfere with documentation at the patient point of care, meaning that speed and efficiency at the bedside is not affected when you run a query.

Easily access clinical business intelligence

ICCA extends the power of the IntelliSpace Data Analysis and Reporting (DAR) module by offering self-service clinical business intelligence tools and templates, so you can perform your own data analysis and reporting rather than relying on reporting specialists with advanced technical skills.

Whether you want to measure, analyze, and report by unit, time, person, disease, process, or in a number of combinations, or whether you want to report on sepsis improvement, LOS by department, medication costs, or regulatory filings, ICCA can help turn your financial, billing, and clinical metrics into a format to meet your business and clinical needs.

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