Hospitals today are challenged by the need to deliver positive outcomes for high-risk patients while dealing with budget constraints, staff shortages, competing care protocols and increasing regulation. MetaVision is a best of breed clinical information system designed specifically for intensive care that supports the complex workflow of the most demanding of clinical environments. The system generates comprehensive and accurate electronic medical records. It offers minute-by-minute patient information collection and display, advanced electronic medication management and powerful clinical decision support. The result? Better patient care, fewer errors and timely intervention. With MetaVision, organisations can improve quality reporting, meet national standards and track key performance indicators.

<table>
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<tr>
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<th>SHORTENED LENGTH OF STAY</th>
<th>FEWER ADVERSE DRUG EVENTS</th>
</tr>
</thead>
<tbody>
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<td>100% correctly prescribed drugs</td>
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<td>75% reduction in adverse drug events</td>
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<th>LESS DOCUMENTATION TIME</th>
<th>INCREASED COMPLIANCE</th>
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This holistic view of the patient improves treatment integration as well as patient safety and treatment accuracy. MetaVision has made nutrition information visible to nurses and clinicians, enabling anticipation of nutrient delivery and preventing the build-up of energy deficit.

Pr. Mette M. Berger  
Service of Adult Critical Care Medicine  
University Hospital of Lausanne, Switzerland

www.imd-soft.com | info@imd-soft.com
MAKE THE MOST OF YOUR CLINICAL DATA

Complete and accurate records
Ensure complete charting of all clinical data including fluids, vitals, respiratory, infection, lines and drains, wounds, nutrition, clinical notes, medications, events, and discharge summary. MetaVision supports the full medication cycle and task management.

Advanced decision support
Enhance patient care with smart notifications about changes in patient status. Identify patient deterioration and risk for conditions such as sepsis and hyperglycemia with protocol-based alerts at the point of care. The system includes 20 built-in scores for detecting patient condition such as SAPS, APGAR and Apache, automatically calculated from captured data improve compliance with reminders about quality-related actions. Increase financial benefits with prompts about missing data for billing and about alternative, less expensive medication options. Set and track patient’s physiological targets such as heart rate, blood pressure, pulse-ox level, temperature, glucose and RASS score

Research and analysis
Use MetaVision’s rich data repository for clinical studies and reports. Identify suitable candidates for clinical trials. Extract data for advanced research studies on topics like clinical trends, cost analysis and quality measurements.

EVERYTHING YOU NEED FROM ADMISSION TO DISCHARGE

PERFORM ROUNDS
A panoramic overview of all your patients makes rounds faster and more effective. See key multi-patient information at a glance, including vital signs, lab results and reminders for pending medications and tasks. Quickly see which patients need attention first. Easily document care plan throughout rounds.

ASSESS PATIENT CONDITION
Automatic calculations such as clinical scores and patient fluid balance help assess patient progress. Powerful decision support tools constantly scan the patient record and send timely notifications of changes in patient status or the need to adhere to protocols. The system includes 15 types of assessment and screening such as neuro, pain, fall risk and general nursing assessment.

PLAN CARE AND MANAGE MEDICATIONS
When prescribing, the system simulates the expected impact on the patient, highlighting allergies, out of range medication doses, and other patient safety issues. Reminders are issued for on-time provision of drugs and fluids, and safety checks ensure that all information is correct throughout preparation and administration. Drug costs are controlled by ensuring the use of hospital preferred products. MetaVision offers protocols and guideline support for various workflows including admission/discharge, shift handover, transfer of care and end of life protocol.

SHARE INFORMATION AMONG CAREGIVERS
Easily document observations and shift summaries with dedicated notes, forms and reports that draw data from the patient record. Caregivers from outside the ICU such as physiotherapists, infection management, diabetics, and the pain team can access records of patients under their care. The system supports various types of care including dialysis, digestive, stoma, cardiac, palliative, pulmonary, physiotherapy, neurological and nutrition.

SHARE INFORMATION AMONG CAREGIVERS

MULTIPLE UNITS.
ONE SOLUTION.

Support for the entire range of ICUs
MetaVision has been successfully implemented in all types of ICUs, including adult, paediatric, neonatal, and specialty. The system’s robust architecture meets the challenges set by these high-need, data-rich environments, which have specific multiple treatment regimens. In the NICU, for example, MetaVision offers unique functionality such as drug and fluid management supporting micro-dosages and precise calculations of nutrition requirements. MetaVision offers a multi-dispensary layout for physicians, nurses, consultants, pharmacists, social workers and other caregivers.

Data continuity across departments
MetaVision maintains one continuous record across departments & specialties: ICUs, pre-op units, ORs, recovery units and general floors. One patient, one flow sheet – easily access all the necessary information throughout the entire hospital stay. Data continuity means fewer errors during transfer, smoother handovers, and carrying over of orders from one department to the next.

Standardisation across regions and health networks
iMDsoft has a successful track record of regional projects worldwide. MetaVision’s unique architecture enables efficient software deployments across multiple sites, promoting uniformity and enforcing clinical best practices and compliance. Health networks that have chosen MetaVision include New South Wales in Australia, Djøfled region of Denmark, Jönköping County Council in Sweden, NÖ Landesklinikken – Holding in Austria and Alberta Health Services in Canada.

METAVISION FITS RIGHT IN

Choose your implementation path
We can accommodate whatever implementation path fits your needs. Use our out of the box solution with pre-configured content + minimal customisation required. You can also adapt the system to support your workflow. We will work with you to define a strategy that makes the most sense for your requirements.

Integrate MetaVision with your existing systems
MetaVision integrates seamlessly with all major Hospital Information Systems (HIS): ADT, Labs, CPOE, drug cabinets, archive, scheduling, PACS, LDAP, coding and more. The MetaVision library of interfaces contains over 400 medical devices and dozens of hospital information systems, including those most prevalent in the current market, with the option of developing additional interfaces upon request.

BEYOND THE ICU

MetaVision provides a continuous record for general wards which incorporates tools for monitoring high acuity patients in lower acuity environments. Advanced rule-based alerts help prevent patient deterioration, costly complications and readmission to the ICU.
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