

@anesthesia

Integrated Anesthesia
Information Management System



@evolucare



@anesthesia

From the first appointment to patient discharge from hospital, Evolucare Anesthesia is your solution for anaesthesia before, during and after the operation, in accordance with official standards and recommendations. Fully configurable to meet your needs, Evolucare Anaesthesia communicates with your HIS and connects to your existing biomedical equipment or devices.

Evolucare Anesthesia's touchscreen interface has been ergonomically designed with expert engineering dedicated to improving working conditions in healthcare facilities.

Key advantages of using Evolucare Anesthesia

Security and Quality of Care

Offers a decision-making aid in real time thanks to its direct access to increasingly complex and vast quantities of information, and thanks to the automated warnings from the expert system.

Reduces the amount of time spent inputting and time-stamping events, leading to improved patient focus.

Creates a database for quality control, statistics...

... leading to the improvement of anesthetic protocols and to the reduction of adverse reactions to medication, side effects and nosocomial infections.

Efficiency

Makes reporting, time-stamping and monitoring events during the pre, intra and postoperative phases easier and more precise (tactile interface, connection to biomedical devices).

Allows the reliable and paperless circulation of information between teams and anesthesiologists.

Precisely records all acts and consumption of medication or equipment.

Analyzes performance and cost-benefit ratio of products and equipment by supplier, by patient, by surgery type...

Reduces the costs associated with product and equipment consumption by improving planning and protocols.

Optimizes the calculation of procedure pricing thanks to the improved record of acts and consumption.

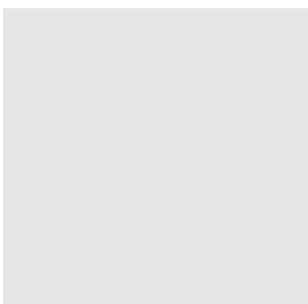
Reduces extra costs associated with side effects, adverse reactions and nosocomial infections.

Provides powerful statistical analyses thanks to an appropriate data warehouse pre-configuration.

Rigorously and objectively compares diagnoses and patient treatment via comprehensive records.

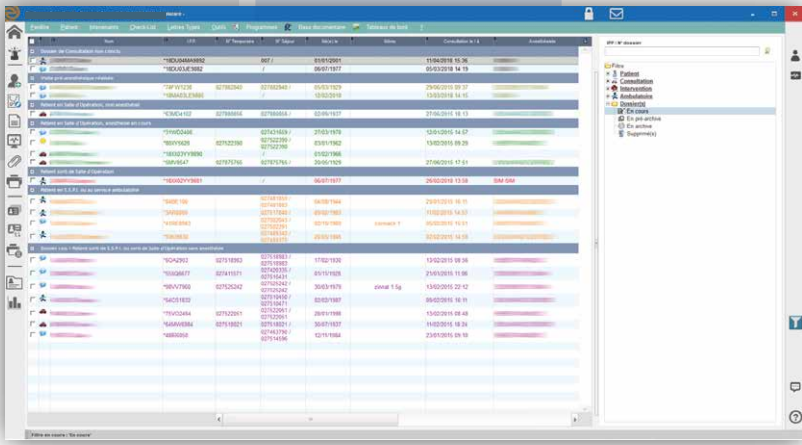
Financial Performance

Clinical Research



American and European studies have shown that savings of up to 50% could be achieved in the area of pharmacy spending, and that 10% of personnel costs could be saved following the implementation of an Anesthesia Information System.

AANA Journal, January 2007



PACU

- Continuity of Monitoring and events traceability
- Acts and postoperative prescriptions
- Doctor notification for the discharge authorization
- Dashboards with simultaneous monitoring of 2 to 8 stations
- Postoperative prescriptions

Preoperative Assessment Clinic

- Patient history / allergies
- Treatments and medications
- Clinical examinations / scores
- Decisions / information provided to the patient
- Preparation of the patient
- Prescription of biological tests
- Prescription of complementary examinations
- Summary of important information
- Decision-making aid / Automatic insertion of values in fields
- Export of the assessment summary
- Identification via professional ID Card

Anesthetic plan

- Accessible from mobiles or tablets

Per Operative phase

- Header with a medical administrative reminder
- Central area for monitoring events, acts and administered products
- Automatic events planning
- Details and dynamic graphic display
- Easy touch selection of configurable actions
- Real-time data integration from medical devices
- Management of Opioids Consumption
- Dashboard for multi patients monitoring
- Warning and alerts system

Expert System

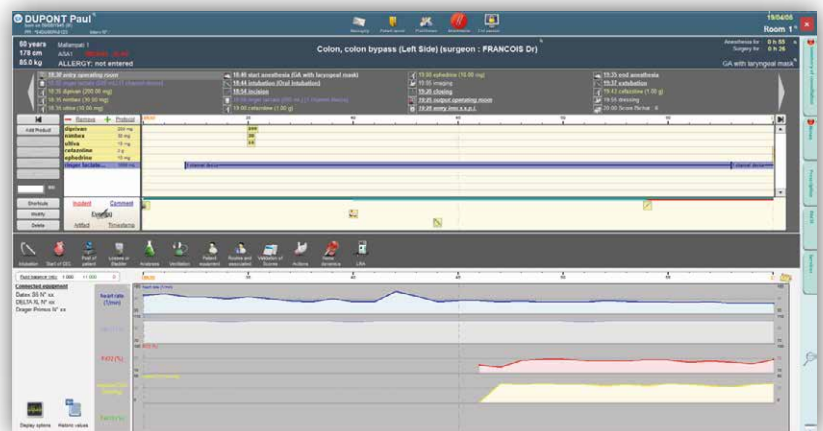
- Business Rules Management Services
- Rules and decisions applied during assessment, intraop and postop phases

Statistics

- Configurable statistical indicators and reports

Connectivity

- More than 450 connectors available with the main manufacturers of biomedical devices on the market
- Plug and play connection system





Interoperability
ADT, OT Management
System, laboratory, stocks...
Based on IHE HL7 standards...
Prescriptions import and export

More than 450 connectors
available for connections with main
medical devices manufacturers

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Integrated Anesthesia Information Management System

Evolucare Anesthesia, Integrated Anesthesia Information Management System:
Manage, Monitor, Optimize.

- Expert system
- Preoperative assessment clinic
- Anesthetic Plan
- Perioperative Monitoring
- PACU
- Web display

Our "paperless" solutions for Operating theatre and Intensive Care
secure the patient medical data.



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Evolucare Anesthesia is a class IIa medical device manufactured by Evolucare Technologies (51901881600016).
CE0459. Notified body : G-MED. Please read the medical device's user manual carefully before use.

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