

@ecs anesthesia

Integrated management
of the anesthesia record



ecs anesthesia

ECS Anesthesia, an information system for anesthesia: **schedule, document, optimize.**

ECS Anesthesia is entirely configurable, communicates with the Hospital Information System and connects to any existing biomedical devices. Its tactile interface was designed in collaboration with EVALAB, an ergonomics lab dedicated to improving working situations in the healthcare sector.

Key advantages of using ECS 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.

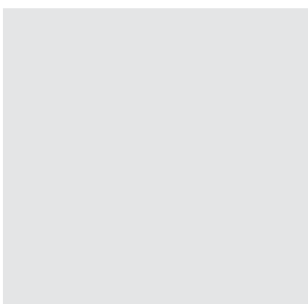
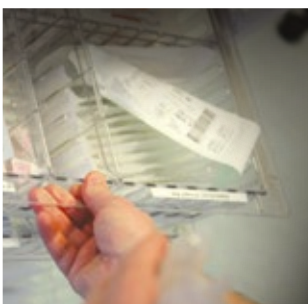
Reduces extra costs associated with side effects, adverse reactions and nosocomial infections.

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

<https://www.aana.com/newsandjournal/Documents/de3-48.pdf>

Expert System

- Rules engine
- Application of rules in consultations, during surgery and in the PACU

Pre-anesthetic consultation

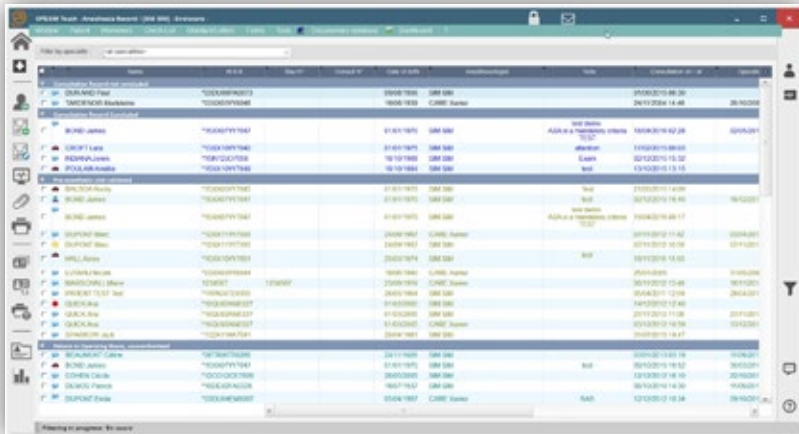
- Patient history / allergies
- Personal treatment
- Clinical examinations / scores
- Decisions / information provided to the patient
- Premedication and preparation of the patient
- Prescription of biological tests
- Prescription of complementary examinations
- Summary of important information
- Decision-making aid / automatic text creation
- Export of the medical unit summary
- Identification via medical badge

Pre-anesthetic rounds

- From mobile or tablet-based services

Statistics

- Configurable statistical indicators and reports



During Surgery

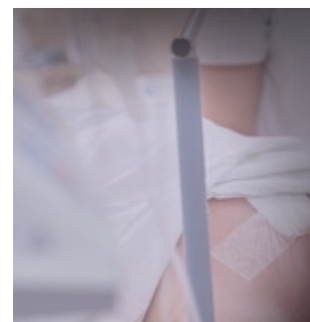
- Header with a medical administrative reminder
- Central area for monitoring events, acts and administered products
- Events planning
- Details and dynamic graphic summary
- Simplified tactile use thanks to a customizable action palette
- Monitoring of parameters from biomedical devices
- Management of narcotics consumption
- Simultaneous monitoring of patients on a single screen
- Automated and configurable warnings thanks to a rules engine
- Management of complementary acts

PACU

- Continuity of information and monitoring
- Acts and postoperative prescriptions
- Connection with the EPR
- Doctor notification for the discharge authorization
- Dashboards with simultaneous monitoring of 2 to 8 stations
- Postoperative care planning

WEB module

- Display of anesthetic data





Connectivity

More than 450 connectors available with the main manufacturers of biomedical devices on the market.



Interoperability

PAM, OT Management System, laboratory, stocks, transversal patient record...
Based on IHE HL7 norms...
Export or import of prescriptions.

ecsanesthesia

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ECS Anesthesia, an information system for anesthesia: **schedule, document, optimize.**

- Expert system
- Pre-anesthetic consultation
- Pre-anesthetic rounds
- Surgery
- PACU
- WEB viewing of records

From scheduling the first appointment to discharging the patient, OPESIM is your solution for anesthesia during the pre, intra and postoperative phases in accordance with the highest standards and recommendations of the French Society of Anesthesiologists and Intensivists (SFAR).

In the operating theater and in the intensive care units, our paperless solutions centralize all of the information needed for patient care.

The Evolucare Technologies group is a global partner for healthcare institution: patient record, specialty records, critical care, medical imaging, medication circuit, pharmacy management...



Opesim is a class IIa medical device manufactured by the company ETCCS, which belongs to the Evolucare Technologies group (51901881600016). Please read the medical device's user manual carefully before use.

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