oproom

Comprehensive
management
of the surgical process

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eoproom

Evolucare OpRoom is a modular solution designed with and for surgical teams, in collaboration with several university hospitals and hospital centers.
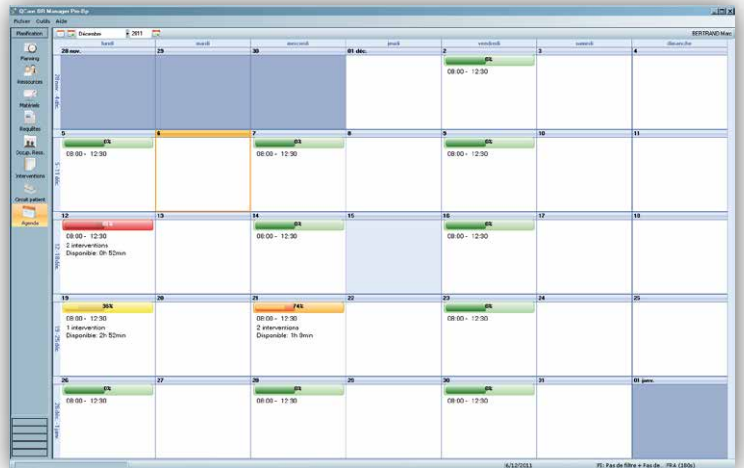
Evolucare OpRoom supports the organization and optimization of the surgical process, including: resource planning and availability, pre and intraoperative patient monitoring, traceability and time-stamping of all events, reports and statistical analyses of activity, dashboards...

CONSULTATIONS

The entry point of the patient pathway

Patient record module:

- Medical record, consultations by specialty, hospitalization notes, contacts, lab results (via HL7) ....
- Input of preoperative data: decision to operate, communication with the anesthesiologist, report, appointment...
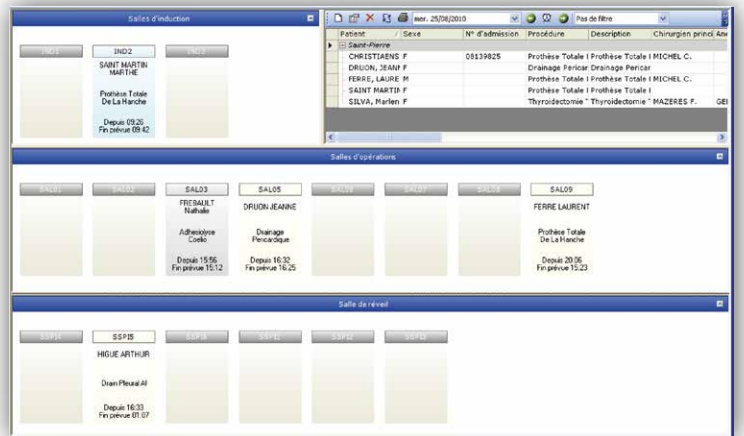
BEFORE SURGERY

Planning and organization

Surgeons' schedule and OR management tools:

- Schedules: as worklists or dashboards (display by surgery type, by room, by surgeon...)
- Check of surgeons', anesthesiologists' and scrub nurses' assignments
- Check of equipment and day's surgeries
- Creation of worklists by resource, by specialty...
- New "Patient pathway" module: synthetic management of the entire operating suite, including induction rooms and recovery wards.
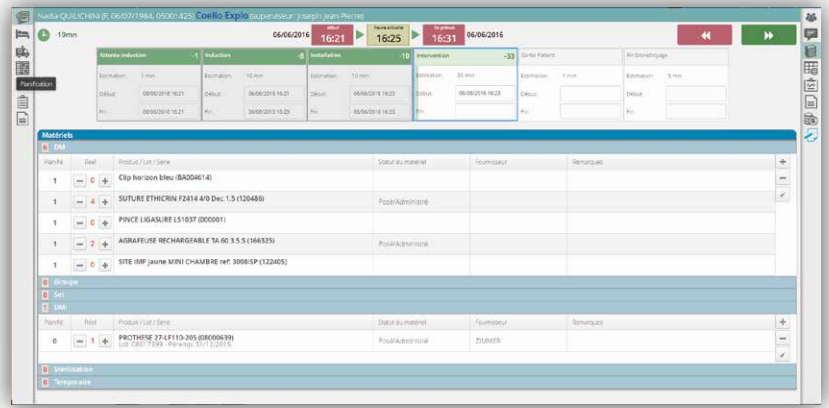
PLANNING TOUCH

- Secure access to Evolucare OpRoom along with its schedules and activity management tools from any internal or external terminal.
- Planning Touch is compatible with all mainstream browsers, smartphones and tablets.

DURING SURGERY

Intraoperative input, report, billing

Dashboard and input of intraoperative data:

- Management and time-stamping of participants' presence
- Input and time-stamping of phases and associated forms
- Materiovigilance and medical device counting
- Monitoring of administered medication and HL7 ORM/RAS connection with the pharmacy
- Input of transfusion data
- Management of samples and requests for anato-mopathology tests
- Billing – HPRIM/XML dispatch
- Access to the patient record (consultations, admission, surgery, history and ICD10 diagnoses…)
- Creation of the surgical report (customizable templates) and HL7 ORU transmission
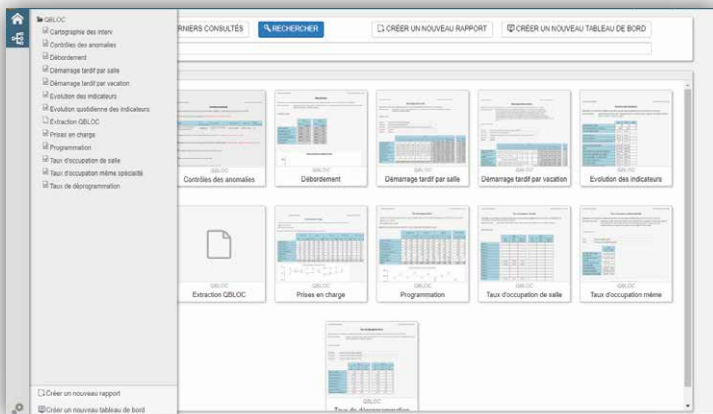- Integrated word processing (MS Word, OpenOffice or RTF module)

OR SETUP

System Configuration

- Management of participants (surgeons, anesthesiologists, scrub nurses, nurse anesthetists…), their roles, their availability, their access rights and their places of work
- Management of surgical procedures (participants, phases, equipment, medication, rooms…)
- Equipment thesauri with images, suppliers…
- Ceation of dynamic forms
- Management of operating suites and ORs
- Management of user rights

REPORTS

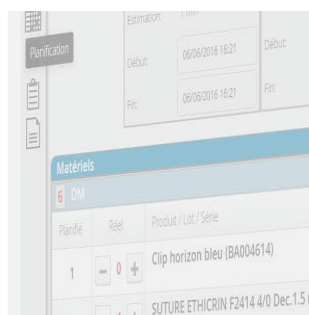### Centralized management of reports

- Operating suite schedules
- Lists of scheduled surgeries
- Ecology sheet
- Lists of prostheses or implants to be ordered
- Sterilization planning

STEERING

Data-warehouse, reports and statistics

- Data extraction in an anonymized data warehouse with an OLAP repository
- Can be used by Business Objects, Cognos, Excel, Oracle BI…
- Predefined "cubes" and over 20 standard reports included (see website for more details)

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Comprehensive management of the surgical process

Evolucare OpRoom, a modular offer to meet every need:

- **Consultations**
  Form input, consultation notes, appointment scheduling
- **Before surgery**
  Planning and organization
- **During surgery**
  Intraoperative input, report, billing
- **Reports**
  Creation of reports with Crystal Reports
- **Control**
  Data warehouse, statistics, BO reports, business intelligence
- **OR Web**
  Real-time visualization via Web browser
- **OR Setup**
  Basic configuration for all modules

Evolucare OpRoom was developed in collaboration with the University Hospital of Montpellier. The "Controlling" and "Patient pathway" modules were created in partnership with the University Hospital of Nantes and the University Hospitals of Strasburg.

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