Centricity™ Opera

HELPING TO ENHANCE OR MANAGEMENT, PLANNING, AND COMMUNICATION

CHALLENGE:

Complex peri-operative processes and the dynamic nature of the surgical environment continuously challenge a surgical team's ability to achieve operational and clinical excellence. Developing an effective OR capacity plan requires visibility into multiple systems, resources, and constantly-changing OR constraints that can result in unnecessary patient wait times, unplanned cancellations, and last-minute emergencies.

SOLUTION:

Centricity Opera offers a complete set of tools to enhance planning and daily OR management, facilitate communication between caregivers and, ultimately, improve the surgical patient journey.

A modular solution, Centricity Opera manages the full peri-operative surgical process while seamlessly integrating with other hospital information systems (HIS), including Centricity High Acuity Platform.

Centricity Opera includes the following modular components:
- Pre-Post operative views
- Intra operative views
- Material Management (MRP)

Increased operating room utilization up to 89%[1]

50% fewer cancellations for non-medical reasons[2]

75% of cases start within 10 min of start time in the morning[3]

£2.4M material revenue gains & in-hours capacity released[2]

DISCOVER NEEDS

Enhance OR capacity planning and prioritization

Advanced scheduling enabled by artificial intelligence (AI) supports time-efficient scheduling based on case duration trends per physician and staff availability

Resource conflict management using dynamic planning visualization helps managers appropriately align shared critical resources such as personnel, instruments and available recovery beds

Emergency case management helps managers prioritize planning of urgent required procedures

OPTIMIZE WORKFLOW

Gain process transparency and drive focus.

Decentralized web schedule and notifications for care providers in the OR and other departments enable personnel to plan and complete surgeries to maximize throughput.

Mobile messaging for patients helps prevent no-shows and **Family View** keeps families constantly informed about the surgery status to reduce phone calls to the department.

Bed scheduling helps prevent bed conflicts and improve inpatient flow patterns as well as staff operations.

Centricity Opera helps you:

- Improve OR capacity planning by AI powered transparency in resource constraints
- Maximize OR utilization through point of care capturing of the procedure status
- Real-time sharing of procedure status beyond the primary OR team
- Optimization of material management providing tools for documenting consumptions, forecasting and traceability information
- Insights and powerful analysis of performances, capacity utilization, material-utilization and costs

IMPROVE OUTCOMES

Improve clinical and operational outcomes.

Real-time dashboard management with an intuitive visual display allows the entire staff to easily track OR schedule changes, resources, checklists and cancellations—helping to improve resource allocation and OR utilization.

Customized checklists support compliance and patient safety by reminding personnel of process requirements and mandatory documentation .

Material traceability to the patient by recording serial number and expiry date enhances patient safety, helps to reduce adverse events, and supports effective inventory and consignment management.
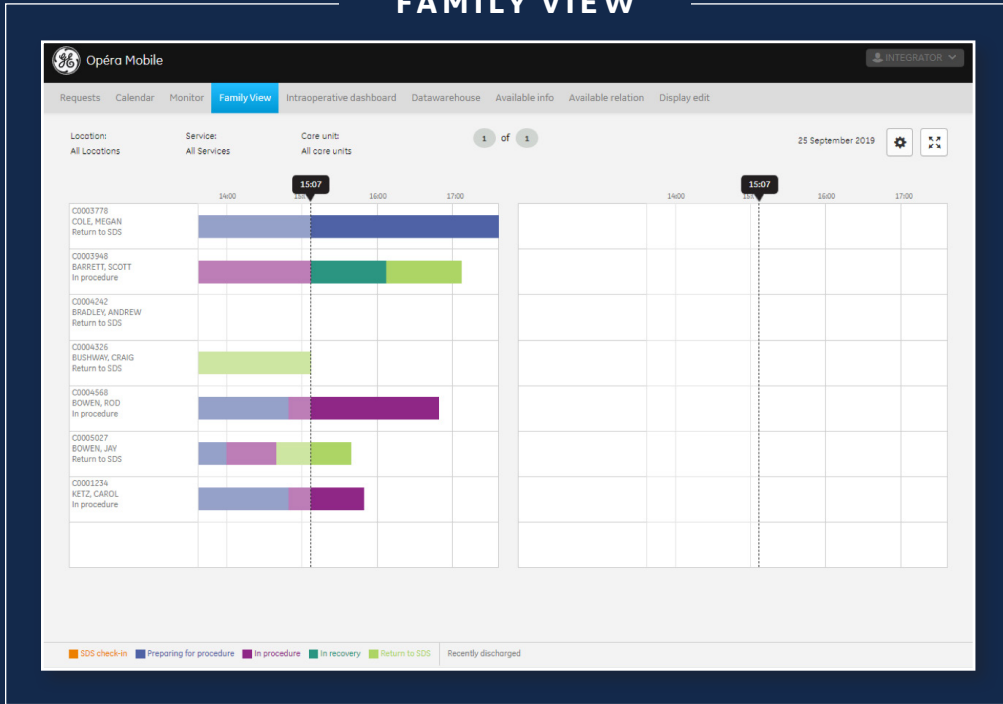
BOOST PERFORMANCES

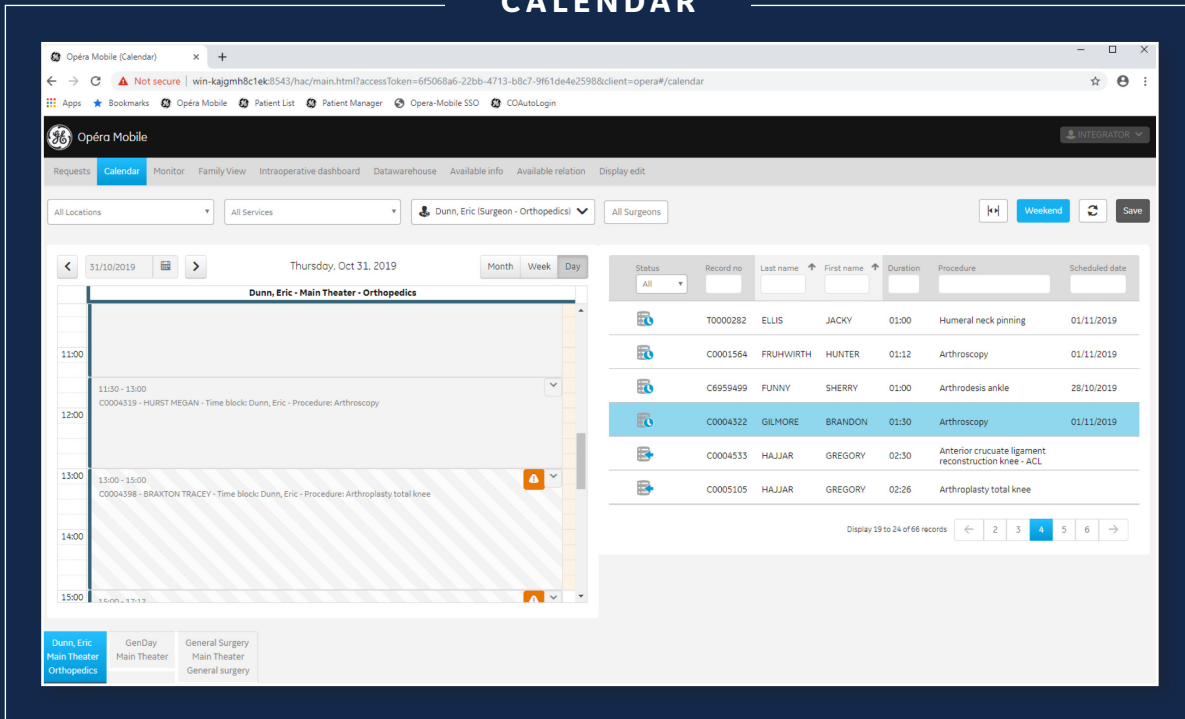Generate insights and drive continuous improvement .

Analytics Framework provides meaningful data about procedure costing, resource utilization, unit throughput, and performed surgeries—information that is easily accessible via standard or custom dashboard solutions. Available near-real time analytics include:

- **OR usage analysis** with KPIs (such as opening/closing delays, anesthesia time duration, and OR Utilization time vs Opened OR hours) to help drive efficiency and increase OR resource utilization
- **Material management analysis** with immediate insights into consumed items (quantity/cost) and traceability of data

FAMILY VIEW

CALENDAR

1. OR Manager, Aug 2000, Vol 16, No 8; OR's benchmark activities for the day of surgery

2. Anesthesiology 2002; 96 A1145; K W Park: Scope of operating room cancellations for a busy university hospital vascular surgical service; MJA 20 June 2005, Vol 182, nr 12; W N Schofield, Rubin, M Piza, Y Yin Lai, D Sindhusake, M

3. OR Manager, Aug 2000, Vol 16, No 8; OR's benchmark activities for the day of surgery