



by anandic

# 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%**<sup>1</sup>

**50%** fewer cancellations for non-medical reasons<sup>2</sup>

**75%** of cases start within 10 min of start time in the morning<sup>3</sup>

**£2.4M** material revenue gains & in-hours capacity released<sup>2</sup>



## 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.

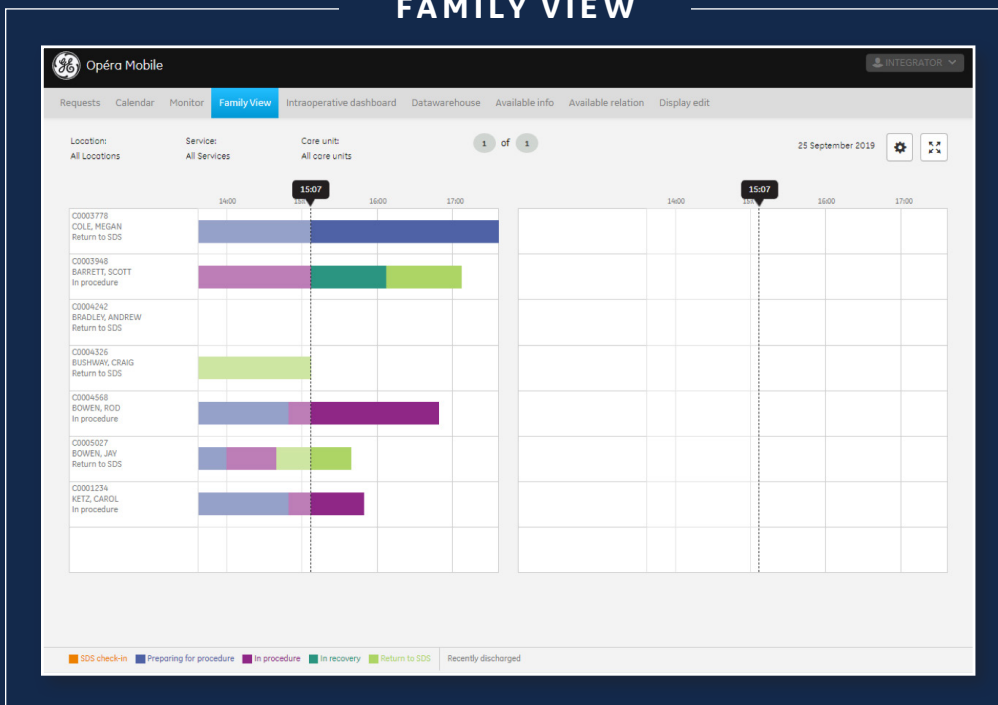
### BOOST PERFORMANCES

Generate insights and drive continuous improvement .

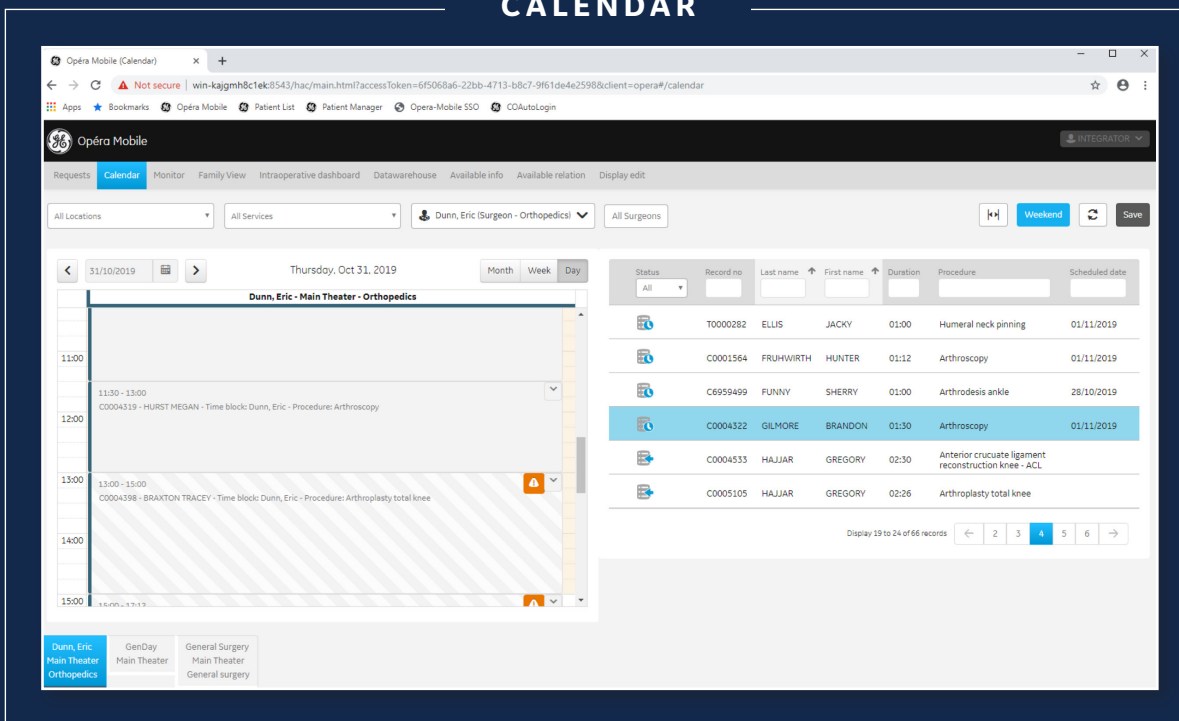
**Analytics Framework** provides meaningful data about procedure costing, resource utilization, unit throughput, and performed surgeries—information that is easily accessible via standard or custom dashboard solutions. Available near-real time analytics include:

- **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



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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

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