



**SURGICAL INFORMATION SYSTEMS**

**HIMSS Interoperability Showcase 2009**

# Surgical Information Systems

SIS provides software solutions that are uniquely designed to add value at every point of your perioperative process

## We are proven

- Implemented in over 270 organizations
- 12 years of experience focused exclusively on perioperative solutions
- *SIS Rules-Based Charging* - HFMA Peer Reviewed Status
- *SIS Scheduling* – AHA endorsed

## We know perioperative

- Focused exclusively on software and services for unique needs of surgery
- Only provider to offer perioperative and anesthesia on the same database
- Onsite assessments and evaluations
- Products designed by clinicians, for clinicians



ANALYTICS

COMPLETE PERIOPERATIVE SOLUTION

THROUGHPUT

SCHEDULING

Case Request via Web

Case Scheduling

Resources Pulled

Conflict Checking

PAT Appointment Scheduling

PREDICTABILITY

SINGLE DATABASE

IMPROVED CLINICAL, OPERATIONAL & FINANCIAL OUTCOMES

POWERFUL | PROVEN | PRACTICAL

IMPROVED OUTCOMES

POSTOPERATIVE

Continuous Assessment

Point of Care Documentation

Automated Vital Signs

Medication Reconciliation

Postoperative Follow-up

Patient Outcomes

PATIENT SAFETY

PREPARATION

PAT Appointment

Initiate Patient Alerts

History & Physical

Pick List Generation

Case Cart Preparation

ACCURACY

PREOPERATIVE

Point of Care Documentation

Anesthesia Evaluation

Patient Education

Patient Milestones

Handoff Communication

PNDS Care Plan

BEST PRACTICE

INTRAOPERATIVE

Graphical Anesthesia Documentation

Point of Care Documentation

Surgical Pause

Tissue Tracking

Quality Assurance

Charge Capture

THROUGHPUT

ANALYTICS

ANALYTICS

THROUGHPUT

THROUGHPUT

ANALYTICS

# Interoperability in the Perioperative Environment

- Patient Registration
  - » Patient demographics are pre-loaded
- Clinical / Administrative Interoperability
  - » Data from previous care areas immediately available
- Patient Vital Sign Capture
  - » Automatic device data capture
- Automation of Common Tasks
  - » Repetitive tasks are combined into 'Wizards'



# Interoperability Goals

- Process Simplification
  - » Significantly reduces the documentation burden
  - » Eliminates redundant data entry
  - » Increases consistency and accuracy of data
- Increase the amount of time that the care giver has to focus on the patient in the intraoperative environment



# SIS Interoperability 2009

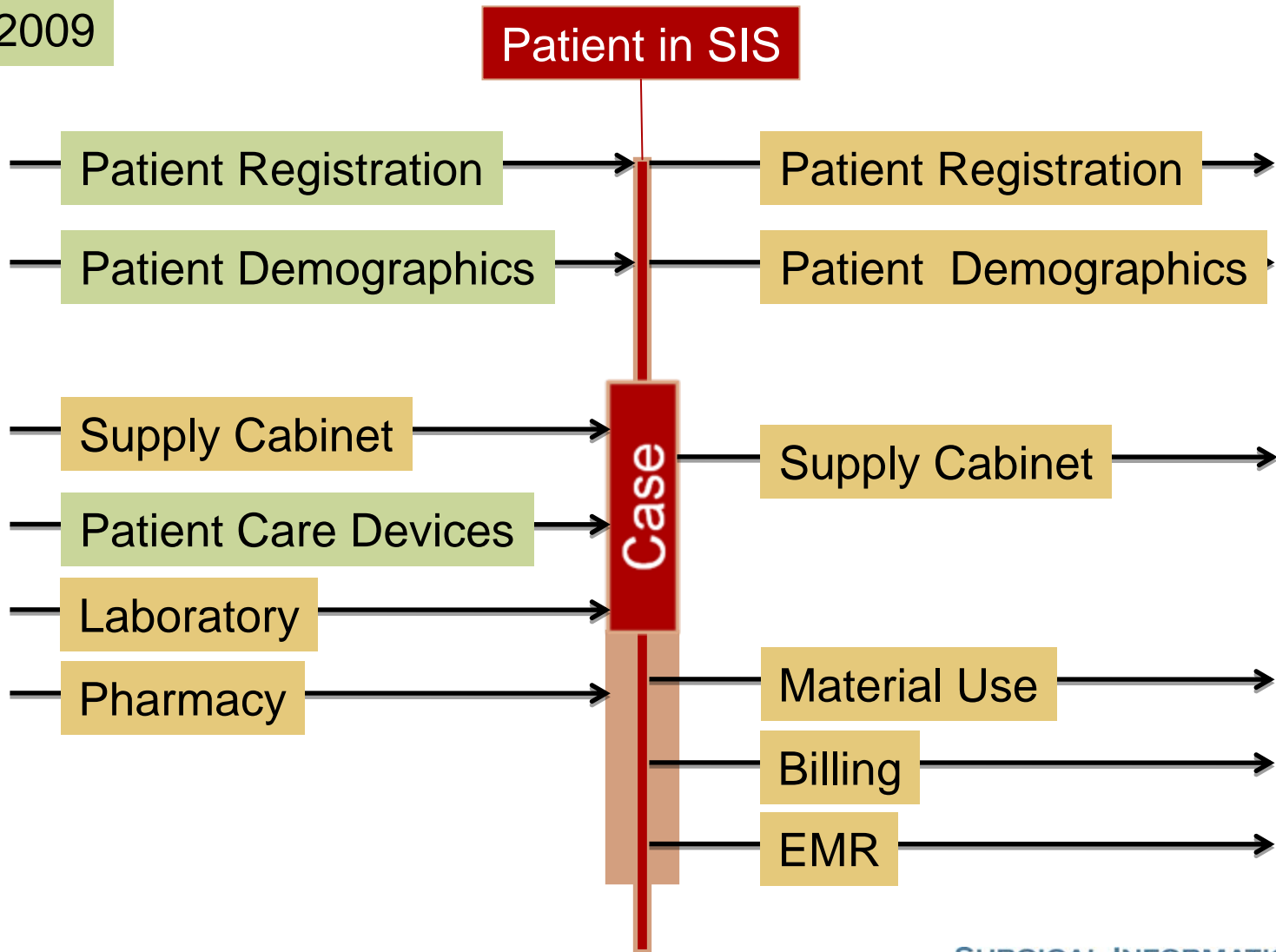
Integration Profiles Implemented	Actors Implemented	Options Implemented
Consistent Time (CT)	Time Client	
Device Enterprise Communication (DEC)	Device Observation Consumer	
Patient Administration Management (PAM)	Patient Demographics Consumer	Merge



# SIS Interoperability – Today and Future

IHE 2009

Future





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INFORMATION  
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