

# LiveData OR-Dashboard™ and the Joint Commission

An effective solution for reinforcing staff practices necessary for Universal Protocol and National Patient Safety Goal compliance, a hospital prerequisite for obtaining accreditation from the Joint Commission

## Universal Protocol

**UP .01.01.01: Conduct a pre-procedure verification process**

**UP .01.03.01: A Time Out is performed immediately prior to starting procedures**

Automatically displays Sign In and Time Out checklists when the patient enters the OR (see back)

## Goal 2

**Improve the effectiveness of communication among caregivers**

Facilitates teamwork and handing off information as staff enter and leave the room

Includes staff list: For knowing who's in the OR and addressing them by name



## Goal 3

**Improve the safety of using medications**

## Goal 8

**Accurately and completely reconcile medications across the continuum of care**

Allergies and medications are always visible and automatically included in reports for hand offs

## Goal 7

**Reduce the risk of healthcare associated infections**

Includes information and real-time tools for timely administration of antibiotics

## Universal Protocol: Prevent Wrong Site, Wrong Procedure, and Wrong Person Surgery

LiveData OR-Dashboard automatically displays crucial information on the patient and procedure throughout the case

## Universal Protocol: Prevent Wrong Site, Wrong Procedure, and Wrong Person Surgery

UP .01.01.01: Conduct a pre-procedure verification process; UP .01.03.01: A Time Out is performed immediately prior to starting procedures

The screenshot shows the LiveData WideView™ OR-Dashboard interface. The top bar displays the date (June 11, 2008), room (OR - Main 7), and patient vitals (68.7 F / 20.4 C). The main area is divided into several sections:

- Patient:** Shackelford, John, M, 78y, 84 kg, MRN: 21356754
- Case Description:** Right shoulder open reduction internal fixation
- Staff:** Nursing Information (Circ: Steven Lee), Anesthesiology Information (Atten: Nelson Gold, CRNA: KC Friedline), Surgeon Information (Orthopedics, Surg: Tom Aggery, Fellow: Joey Mann), and Visitors (Sophie Fair).
- Critical Information:** Notes: None
- Allergy:** Latex, Ampicillin, Neomycin, Aspirin, Lorazepam, Cortisone
- Progress Log:** Record Antibiotics (09:10 Pt. in room)
- Sign In / Time Out Checklists:**
  - Sign In:** Patient has confirmed (Identity, Procedure, Site, Consent); Site marked / not applicable?; Anesthesia safety check completed?; Pulse oximeter on patient and functioning; Does patient have a: (Known allergy, Difficult airway / aspiration risks?, Risk of >500ml blood loss).
  - Time Out:** Team members introduce themselves; Team verbally confirms (Patient, Site, Procedure); Surgeon reviews (Critical or unexpected steps, Operative duration, Anticipated blood loss); Anesthesia reviews (Patient-specific concerns); Nursing reviews (Sterility, Equipment issues, Other potential concerns); Antibiotic prophylaxis given within the last 60 minutes?; Essential imaging displayed?

Callouts from external boxes point to specific elements: 'Patient' points to the patient name; 'Procedure' points to the case description; 'WHO\* Safe Surgery Sign In Checklist' points to the Sign In section; 'Antibiotic Reminder' points to the Record Antibiotics button; 'Patient Allergies' points to the Allergy section; and 'WHO\* Safe Surgery Time Out Checklist' points to the Time Out section.

\* World Health Organization

LiveData OR-Dashboard automatically displays the hospital's pre-procedure verification and Time Out checklists when the patient enters the OR—prompting the team to perform safety checks and perform them correctly. Essential case, team, and patient data is simultaneously shown, along with reminders to document antibiotic administration. All necessary information for effectively carrying out safety checks is therefore conveniently and readily on display. Tailoring checklists to meet the needs of individual hospitals and surgical specialties is quick and easy.