



# The Universal Protocol

## for Preventing Wrong Site, Wrong Procedure, and Wrong Person Surgery™

Guidance for health care professionals

### Conduct a pre-procedure verification process

**Address missing information or discrepancies before starting the procedure.**

- Verify the correct procedure, for the correct patient, at the correct site.
- When possible, involve the patient in the verification process.
- Identify the items that must be available for the procedure.
- Use a standardized list to verify the availability of items for the procedure. (It is not necessary to document that the list was used for each patient.) At a minimum, these items include:
  - relevant documentation  
Examples: history and physical, signed consent form, preanesthesia assessment
  - labeled diagnostic and radiology test results that are properly displayed  
Examples: radiology images and scans, pathology reports, biopsy reports
  - any required blood products, implants, devices, special equipment
- Match the items that are to be available in the procedure area to the patient.

### Mark the procedure site

**At a minimum, mark the site when there is more than one possible location for the procedure and when performing the procedure in a different location could harm the patient.**

- The site does not need to be marked for bilateral structures.  
Examples: tonsils, ovaries
- For spinal procedures: Mark the general spinal region on the skin. Special intraoperative imaging techniques may be used to locate and mark the exact vertebral level.
- Mark the site before the procedure is performed.
- If possible, involve the patient in the site marking process.
- The site is marked by a licensed independent practitioner who is ultimately accountable for the procedure and will be present when the procedure is performed.\*
- Ultimately, the licensed independent practitioner is accountable for the procedure – even when delegating site marking.

\* In limited circumstances, site marking may be delegated to some medical residents, physician assistants (P.A.), or advanced practice registered nurses (A.P.R.N.).

- The mark is unambiguous and is used consistently throughout the organization.
- The mark is made at or near the procedure site.
- The mark is sufficiently permanent to be visible after skin preparation and draping.
- Adhesive markers are not the sole means of marking the site.
- For patients who refuse site marking or when it is technically or anatomically impossible or impractical to mark the site (see examples below): Use your organization's written, alternative process to ensure that the correct site is operated on. Examples of situations that involve alternative processes:
  - mucosal surfaces or perineum
  - minimal access procedures treating a lateralized internal organ, whether percutaneous or through a natural orifice
  - interventional procedure cases for which the catheter or instrument insertion site is not predetermined  
Examples: cardiac catheterization, pacemaker insertion
  - teeth
  - premature infants, for whom the mark may cause a permanent tattoo

### Perform a time-out

**The procedure is not started until all questions or concerns are resolved.**

- Conduct a time-out immediately before starting the invasive procedure or making the incision.
- A designated member of the team starts the time-out.
- The time-out is standardized.
- The time-out involves the immediate members of the procedure team: the individual performing the procedure, anesthesia providers, circulating nurse, operating room technician, and other active participants who will be participating in the procedure from the beginning.
- All relevant members of the procedure team actively communicate during the time-out.
- During the time-out, the team members agree, at a minimum, on the following:
  - correct patient identity
  - correct site
  - procedure to be done
- When the same patient has two or more procedures: If the person performing the procedure changes, another time-out needs to be performed before starting each procedure.
- Document the completion of the time-out. The organization determines the amount and type of documentation.