



Origination: 8/7/2018  
Last Approved: 8/17/2021  
Last Revised: 8/7/2018  
Next Review: 8/16/2024  
Owner: *Erin Eicke: Abilene  
Market Director,  
Surgical Services*  
Policy Area: *Surgical Services*  
Standards & Regulations:  
References:

## Traffic Control during Total Joint Replacement Surgery, 4.6669

### PURPOSE:

Reducing traffic in the operating room during total joint procedures has proven to be advantageous in the prevention of prosthetic joint infections.

### POLICY:

Perioperative personnel will adhere to principles of sterile and aseptic technique during total joint procedures. Principles include but may not be limited to:

1. Traffic control and conversations
  - a. Radiology personnel
  - b. Vendor presence
  - c. Poorly timed breaks among OR and anesthesia personnel

#### Procedure Interventions

1. Referring to preference card prior to opening the supplies for the total joint procedure, ensure all necessary supplies and equipment are in the Operating Room.
2. Ensure that x-ray equipment is available, set up and in proper working order before opening the supplies for the case.
3. Ensure that the vendor is present and all implantable items or any other vendor provided widget is in the operating room.
4. Open the sterile supplies as close to the time of the procedure as possible; ensure that doors are closed; do not abandon the room after supplies are opened. The case is considered started when the sterile supplies are opened.
5. Ensure that after the incision is made, door openings are limited to those that are imperative to the case. If personnel need to enter or exit the room, this will be door through the door into/from the sub-sterile corridor.

## References:

Mejia, E., Williams, A., Long, M., (2015). Decreasing prosthetic joint surgical site infections: An interdisciplinary approach. *AORN Journal* 101(2), 213-222. doi: 10.1016/j.aorn.2014.03.017

Panahi, P., et al (2012). Operating room traffic is a major concern during total joint arthroplasty. *Clinical Orthopaedics and Related Research* 470, 2690-2694. doi: 10.1007/s11999-012-2252-4

## Attachments

No Attachments

## Approval Signatures

Approver	Date
Tracey Carrigan: Director, Surgical Services	8/17/2021
Heather Hess: Nurse Manager, Acute Nursing	8/3/2021

COPY