**INTRAOPERATIVE PERIOD**

**SURGICAL TEAM ACTIONS**

- Do NOT use laminar airflow ventilation systems (not beneficial for patients undergoing total arthroplasty surgery)
  - ACTION: SURGICAL TEAM
  - SUPPORTED BY: PROCUREMENT/ESTATES AND MAINTENANCE STAFF

- Use either disposable sterile non-woven or reusable sterile woven drapes and surgical gowns
  - ACTION: SURGICAL TEAM
  - SUPPORTED BY: PROCUREMENT/STERILIZATION UNIT

- Do NOT use plastic adhesive incise drapes (neither those with nor those without antimicrobial properties)
  - ACTION: SURGICAL TEAM
  - SUPPORTED BY: PROCUREMENT

- Use alcohol-based solution containing chlorhexidine gluconate for skin preparation
  - ACTION: SURGICAL TEAM
  - SUPPORTED BY: PHARMACY/PROCUREMENT

- Do NOT use antimicrobial sealants after surgical site skin preparation
  - ACTION: SURGICAL TEAM
  - SUPPORTED BY: PROCUREMENT

- Administer 80% fraction of inspired oxygen (FiO₂) (in adults undergoing general anaesthesia with endotracheal intubation)
  - ACTION: SURGICAL TEAM
  - SUPPORTED BY: ESTATES AND MAINTENANCE STAFF

- Consider using a warming device
  - ACTION: SURGICAL TEAM
  - SUPPORTED BY: PROCUREMENT

- Consider using a protocol for intensive blood glucose control (for both diabetic and non-diabetic adult patients)
  - ACTION: SURGICAL TEAM
  - SUPPORTED BY: CLINICAL STAFF
**Surgical Site Infection Prevention Recommendations**

**Intraoperative Period**

**Surgical Team Actions**

- Consider using goal-directed therapy
  - **Action:** Surgical Team
  - **Supported By:** Procurement

- Consider irrigating incisional wound with an aqueous povidone iodine solution before closure (in clean and clean-contaminated wounds)
  - **Action:** Surgical Team
  - **Supported By:** Procurement

- Do NOT perform antibiotic wound irrigation
  - **Action:** Surgical Team
  - **Supported By:** Procurement

- Consider using wound protector devices (in clean-contaminated, contaminated and dirty abdominal procedures)
  - **Action:** Surgical Team
  - **Supported By:** Procurement

- Consider prophylactic negative pressure wound therapy (primarily in closed surgical incisions in high-risk wounds)
  - **Action:** Surgical Team
  - **Supported By:** Procurement

- Consider using triclosan-coated sutures
  - **Action:** Surgical Team
  - **Supported By:** Procurement

- Maintain asepsis and discipline in the operating room
  - **Action:** Surgical Team
  - **Supported By:** Clinical Staff