

SSI PREVENTION CHECKLISTS

Hospital:

Patient MRN:

Ward/Unit:

Operative Procedure:

Room / Bed No.:

Date of Surgery:

PREOPERATIVE WARD/UNIT

- Bath or shower the night before and on the day of the surgery using 4% Chlorhexidine soap for patients >2 months and above
- Hair removal by clippers with a disposable head or Not necessary
- Perioperative glycemic control is applied with use of blood glucose target levels less than 150 mg/dl before the procedure in patients with and without diabetes.
- Single-dose preoperative antimicrobial agents were given ONLY when indicated based on National MOH Guidelines
- Screening is done for *Staphylococcus aureus* (MSSA and MRSA) and decolonize surgical patients for high-risk procedures, including some orthopedic and cardiothoracic procedures.

OPERATING ROOM

- Surgical hand antisepsis is performed using either an antimicrobial soap or a waterless alcohol-based hand rub if persistent activity
- CHG 2% in isopropyl 70% alcohol solution is used for surgical site skin preparation or Povidone Iodine (PVP-I) 10% with alcohol for surgical site skin preparation for patients who are allergic to CHG

INTRAOPERATIVE

- Operating rooms were maintained at positive pressure concerning corridors and adjacent areas.
- Proper surgical attire is worn inside the OR
- Surgical Asepsis and Sterile Technique practices observed inside OR
- Intraoperative normothermia maintained for all patients before surgery
- Perioperative glycemic control is applied with the use of blood glucose target levels less than 150 mg/dl during the procedure in patients with and without diabetes.

FORMULA:

Adherence rate to Preoperative Measures =

Total no. of adherence to all Preoperative measures /
Total no. of preventive measures x 100

Adherence rate to Intraoperative Measures =

Total no. of adherence to all Intraoperative measures /
Total no. of preventive measures x 100

Adherence rate to Postoperative Measures =

Total no. of adherence to all Postoperative measures /
Total no. of preventive measures x 100

Overall Adherence rate=

Total no. of adherence to all Preventive measures /
Total No. of Preventive Measures x 100

POSTOPERATIVE

- Antimicrobial agents were given ONLY when indicated and discontinued based on National MOH Guidelines
- Sterile gloves and equipment were used and a sterile technique was applied when dressing on any surgical incision.
- Maintain postoperative blood-glucose level to less than 150 mg/dl in each of the first two postoperative days (for all patients with or without diabetes)
- Perioperative glycemic control is applied using blood glucose target levels less than 150 mg/dl after the procedure for the first two postoperative days in patients with and without diabetes.

Adherence Rates to all Preventive Measures:

Preoperative Adherence Rate =

Intraoperative Adherence Rate =

Postoperative Adherence Rate=

Overall Adherence Rate =

Total Preventive Measures: Preoperative = 7 Intraoperative = 5 Postoperative = 4 Overall Preventive Measures = 16

Instructions: All patients for Cardiac Surgery or CBGB / CBGC must have SSI Prevention Checklists filled accordingly by the Nurse In Charge and to be followed up and reported by ICP for Adherence.