Use this guide to learn how to help prevent surgical site infections.

Please click on the section headings to begin.

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1. Set OR Temperature
Set operating room temperature to between 72° and 75° F.
Pre-Incision Steps

1. Administer Antibiotic

2. Prep Skin

3. Perform Universal Prep

4. Double-glove

5. Initiate Intra-operative Warming

6. Prepare General Closing Pan
Typical dose is **Ancef** (2g) and **Flagyl** (500mg). Administer within one hour of incision.

If PCN allergy, give **clindamycin** (900mg) and aztreonam (2g).
Use Chloraprep® (Betadine® for perineum). Allow for 3 minute drying time.
Use sterile draping techniques and Ioban occlusive to decrease risk of openings for contamination.
Use sterile towels to frame surgical site.
Drape surgical site. Either *universal* or *laparotomy with pockets* (surgeon’s preference).
Universal Prep - Use Ioban

Place Ioban covering over surgical site.
All surgical team double-gloves.
Initiate *intra-operative* warming of patient.
Prepare General Closing Pan

Items to include on small Mayo: closing sutures, sterile towels, fresh gloves, closing pan instruments, Bovie, and suction.

Cover pan with sterile protection until needed.
Intra-Operative Steps

1. Use Alexis Wound Protector

2. Perform Irrigation
Use Alexis wound protector to prevent contamination and trauma to abdominal wall.
Perform abdominal wound irrigation with antibiotic solution

Appropriate dose is: 500ml warm NaCl, Gentamycin (240mg) and Clindamycin (600mg)
Closing Steps

1. Remove Instruments
2. Retrieve Closing Pan
3. Re-Glove
4. Re-Towel Surgical Wound
5. Pass Off New Suction And Bovie
6. Close Fascia
7. Close Skin
8. Apply Sterile Dressing

Click on video to review the closing technique.
Remove hardware and instruments from field; keep drapes. Remove wound protector.
Bring prepared closing table close to patient.
All surgical team re-gloves. Remove outer gloves and replace.

Gowns are done if preferred by surgeon.
Re-towel the surgical wound with the towels from prepared closing pan.
Pass off new Bovie and suction from prepared closing pan.
Close fascia with new instruments from closing pan. Do not reuse instruments.
Close skin - staples or suture - surgeon preference.

Skin should be left open for Class III and IV wounds.
Apply sterile dressing prior to taking off sterile drapes. Peel back Ioban without going outside sterile field. Primapore or sterile 4x4 with tegaderm (surgeon preference).
### Summary of Steps

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