New York State Partnership for Patients

Advanced Colon Surgery Bundle
Flowchart

1	PRE-ADMISSION	▪ Hand Hygiene	▪ Pre-admission Testing for active medical conditions increasing risk for SSI (e.g. malnutrition, diabetes, smoking, infection screening)	▪ Pre-operative mechanical bowel preparation (MBP) in combination with oral antibiotic bowel preparation (OABP)	▪ Patient and caregiver education on how to administer MBP and OABP, discharge needs, wound care post-operatively, what to expect, etc.
2	PRE-OPERATIVE	▪ Hand Hygiene	▪ **Glucose Control** ▪ **Normothermia**	▪ **Antimicrobial Prophylaxis** (weight based dosing and re-dosing for long cases)	▪ **Skin Preparation** (use antiseptic agent with alcohol for skin preparation unless contraindicated)
3	INTRA-OPERATIVE	▪ Hand Hygiene	▪ **Glucose Control** ▪ **Normothermia**	▪ **Antimicrobial Prophylaxis** (weight based dosing and re-dosing for long cases)	▪ **Increased Perioperative Oxygenation**	▪ **Clean Standardized Fascia Close** (change gown, gloves, and surgical instruments for closure of fascia and standardized wound dressings)
4	POST-OPERATIVE	▪ Hand Hygiene	▪ **Glucose Control** ▪ **Normothermia**	▪ **Standardize Wound Management** (standardize post-operative wound dressing; provide patient and caregiver discharge instructions on wound care and recognizing symptoms of infection)	▪ **Increased Perioperative Oxygenation**	▪ Follow up phone calls to patients within one week of discharge from hospital

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