SPINE DEFORMITY SURGERY, HIGH-RISK

Decision made for major spine surgery
Surgery scheduling form filled out

Spine Nurse Coordinator contact with parent/guardian by phone
for brief introduction, education and complete pre-op surgical
assessment

Spine Nurse Coordinator completes High-Risk Care Plan and determine screening tests
needed

Spine Surgery Pre-Operative Committee (SSPOC)
- Reviews Case
- Consider timeline and coordination of potential procedures
- Consider referrals needed
- Determine goals prior to surgery

Spine Nurse Coordinator places referrals
(Referral Guide):
- Gastroenterology
- Cardiology
- Pulmonology/Sleep Medicine
- Neurology
- Neurosurgery
- PT/OT

Schedule Surgery
- Once committee agrees with scheduling
- Spine Nurse Coordinator submit scheduling form
(Follow the guideline for scheduled surgery admissions)

Pre-Op Surgical Evaluation (2-4 weeks prior to surgery)

Spine Nurse Coordinator
- Patient Education
- Peri-operative process, hospitalization and Inpatient Care Team document
- Surgical Handouts
- Instructions for bacterial decolonization
- Complete Pre-op Surgery Checklist

Radiographs
- Standing, seated, or supine full length scoliosis radiographs based
on patients ability
- AP/PA, lateral, right bend, left bend, possible traction
radiographs

Surgeon
- Review Pre-op Surgery Checklist and High-Risk Care Plan form
- Discuss plan for surgery with family
- Review Risks vs Benefits of surgery

Appropriate labs for all patients:
- CBC
- Type and screen
  - Negative – type & cross AM of surgery
  - Positive – type & cross arranged with
    blood bank to ensure blood available at
time of surgery
- CMP
- PT/PTT
- UA with reflex to culture

Anesthesia Evaluation
AND
H&P completed during 2 week visit (complete within
30 days of surgery per hospital policy)

Disclaimer: Pathways are intended as a guide for practitioners and do not indicate an exclusive course of treatment nor serve as a standard of medical care. These pathways should be adapted by medical providers, when indicated, based on their professional judgement and taking into account individual patient and family circumstances.

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**COMPLEX SPINAL FUSION PATHWAY**

**Pre-Admission Clinical Management (1-7 days prior to surgery)**

- **5 days prior to surgery:**
  - Start the [Bacterial decolonization protocol](#)
  - Bacterial decolonization protocol should be completed on day of surgery

**Day of Surgery**

- NPO guidelines per anesthesia/hospital policy
- Admit to Pre/Post unit 2 hours prior to surgery
- Surgeon to see patient prior to surgery and update H&P
- Surgical site marked per hospital policy
- Chlorhexidine gluconate wipe to be done in CARES by nurse
- Antibiotic orders released
- Obtain these labs:
  - Urine pregnancy screen (serum HCG may be substituted – All post menarchal female patients
  - Type and Cross for 1-2 units of pRBCs

**Go to OR**

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