LOW-RISK SPINAL FUSION
ANTIBIOTIC PATHWAY

Pre-operative

Cephalosporin allergy and/or severe penicillin allergy

*Refer to Penicillin Allergy Facts sheet

Refer to Allergy Clinic

Confirmed drug allergy

No

Moderate to severe acne?

MRSA Screen: All patients screened at preop visit < 6 weeks from surgery.

MRSA Screen Positive

Bacterial Decolonization Protocol

cefazolin 30 mg/kg & vancomycin 15 mg/kg

Moderate to severe acne?

Yes

Consider referral for treatment of acne prior to surgery

No

MRSA Screen Negative

Bacterial Decolonization Protocol

cefazolin 30 mg/kg

Negative drug allergy

vancomycin 15 mg/kg

Yes

Consider referral for treatment of acne prior to surgery

No

MRSA Screen: All patients screened at preop visit < 6 weeks from surgery.

postoperator

Post-operative

Redose cefazolin 30 mg/kg Q3H

Consider adjuvant vancomycin in bone graft

cefazolin 30 mg/kg Q8H for 3 doses

Discontinue All Antibiotics

WOUND CLOSURE

INCISION

Bacterial Decolonization Protocol

vancomycin 15 mg/kg Q6H

Consider adjuvant vancomycin in bone graft

vancomycin 15 mg/kg Q8H for 3 doses

Bacterial Decolonization Protocol

incidence

Intra-operative

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.

ChildrensNebraska.org/Pathways

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