



**Regional Pre-Printed Orders for
Cesarean Section - Pre-operative**



Note: There is an Interim MAR for this pre-printed order form.

Form ID: DRD0106444A

Rev: April 26, 2016

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DRUG & FOOD ALLERGIES

• **Mandatory** **Optional: Prescriber check (✓) to initiate, cross out and initial any orders not indicated.**

- NPO for solids after midnight
- Clear fluids until 3 hours pre-op, then NPO
- Primary IV: Lactated Ringer's Sodium Chloride 0.9%
 - Adjust rate to maintain total IV intake at maximum: _____ mL/h **OR** 150 mL/h
- Insert Foley catheter
- CBC
- Group and screen (recommended for patients at risk of peripartum hemorrhage - see back page)
- ranitidine** 50 mg IV one hour pre-op **ranitidine** 150 mg PO two hours pre-op with a sip of water
- metoclopramide** 10 mg IV or PO with sip of water one hour pre-op
- sodium citrate** 30 mL PO within 30 minutes of surgical start

Antibiotics: All infusions to be administered on-call to OR (within 30 to 60 minutes of surgical start)

Cesarean section elective or non-elective and low risk of developing postpartum infection

- ceFAZolin** 2000 mg IV
- OR** if **penicillin** and/or **cephalosporin** allergy
- clindamycin** 900 mg IV

Cesarean section high risk of developing postpartum infection (see back page)

- ceFAZolin** 2000 mg IV plus **metroNIDAZOLE** 500 mg
- OR** if **penicillin** allergy and/or **cephalosporin** allergy
- clindamycin** 900 mg IV plus **gentamicin** (2 mg/kg) _____ mg IV

Current weight: _____ kg (Prescriber must calculate weight based **gentamicin** dose if ordered)

Time antibiotic started: _____

Date (DD/MMM/YYYY)	Time	Prescriber Signature	Printed Name or College ID#

Increased risk of peripartum hemorrhage (type and screen may be indicated)

Pregnancy Conditions:

- Placenta previa
- Placental abruption
- Placenta accreta/ increta/ percreta
- History uterine atony/ PPH
- Prior manual removal of placenta
- Chorioamnionitis
- Multiples

Emergency cesarean section:

- Second stage arrest

Medical Indications:

- Active bleeding from any source
- Coagulopathy
- Thrombocytopenia (platelets less than 100×10^9)
- Anemia (hemoglobin less than 100 gm/L in 3rd trimester)
- Morbid obesity (pre-pregnant BMI greater than 40)
- Known difficult crossmatch/ antibodies

Surgical Indications:

- Two or more previous cesarean sections
- Prior uterine surgery/ myomectomy
- Large uterine fibroids

This is a descriptive reminder rather than a prescriptive list of indications for ordering type and screen. Physicians, midwives, and registered nurses should use good clinical judgment, knowledge of the patient and her clinical condition to make responsible decisions regarding ordering type and screen.

Cesarean section high risk of developing postpartum infection:

- Active labour
- Rupture of membranes over 6 hours
- Maternal fever
- Failed forceps or vacuum

Timing of antibiotic prophylaxis¹:

- Optimal time for administration of preoperative antibiotics is within 60 minutes before surgical incision to protect against bacterial contamination of the surgical site and decrease the risk of infection
- Single-dose prophylaxis is usually sufficient. Additional intraoperative doses may be warranted for patients with:
 - 0 Excessive blood loss
 - 0 Procedure duration exceeding the recommended redosing interval from the time of initiation of the preoperative dose (repeat **ceFAZolin** Q4H; repeat **clindamycin** Q6H)

1. Bratzler DW et al. Clinical practice guidelines for antimicrobial prophylaxis in surgery. ASHP Report. Am J Health-System Pharm 2013;70:195-283.



**Regional Interim Medication Administration Record for
Cesarean Section - Pre-Operative (DRDO106444A)**



****NOT VERIFIED by Pharmacy**
**MAR content MUST BE verified for accuracy by
comparing with the original order BEFORE using****

Form ID: MRAS101785A

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Date: _____ Allergies: _____

SCHEDULED MEDICATIONS	Not given KEY: A=Absent HR=Heart Rate LOA=Leave NA=Not Available NPO N/V R=Refused S=Sleeping
MEDICATION and DIRECTIONS	ADMINISTRATION TIMES
ranitidine inj 50 mg IV 1 hour pre-op Or see alternate PO order on MAR.	
ranitidine tab 150 mg PO 2 hours pre-op with a sip of water Or see alternate IV order on MAR	
metoclopramide inj 10 mg IV 1 hour pre-op Or see alternate PO order on MAR.	
metoclopramide tab 10 mg PO 1 hour pre-op with a sip of water Or see alternate IV order on MAR.	
sodium citrate oral liq 30 mL PO Within 30 minutes of surgical start	
ceFAZolin inj 2000 mg IV on-call to OR Within 30 to 60 minutes of surgical start	



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SCHEDULED MEDICATIONS	Not given KEY: A=Absent HR=Heart Rate LOA=Leave NA=Not Available NPO N/V R=Refused S=Sleeping
MEDICATION and DIRECTIONS	ADMINISTRATION TIMES
clindamycin inj 900 mg IV on-call to OR Within 30 to 60 minutes of surgical start	
metronIDAZOLE inj 500 mg IV on-call to OR Within 30 to 60 minutes of surgical start	
gentamicin inj 2 mg/kg _____ mg IV on-call to OR Within 30 to 60 minutes of surgical start	