

Supplementary Online Content

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eTable 1. Definitions

eTable 2. Tests of Interaction Among Study Subgroups Between Membrane Status and Intervention

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Definitions

Complication	Criteria
Surgical Site Infection	<p>Infection involves skin, subcutaneous, deep soft tissues, or any part of the anatomy which was opened or manipulated during the operation plus ≥ 1 of the following:</p> <ol style="list-style-type: none"> 1. Purulent drainage 2. Organism isolated from fluid or tissue 3. At least one of the following signs/symptoms of infection: pain/tenderness, localized swelling, or heat 4. An abscess or other evidence of infection via exam, reoperation, imaging, or histopathology 5. Diagnosis of surgical site infection by surgeon or attending physician
Endometritis	<p>Infection involves all three components:</p> <ol style="list-style-type: none"> 1. Temperature $\geq 38^{\circ}\text{C}$ on 2 separate occasions 2. Clinical diagnosis: (at least one clinical observation) <ol style="list-style-type: none"> I. Abnormal uterine tenderness on bimanual exam in absence of other clinical or laboratory findings suggestive of another source of infection II. Concomitant foul-smelling discharge III. Tachycardia ($>100\text{bpm}$) IV. Leukocytosis ($<12,000$ per mm^3) 3. Postpartum antibiotics given
Incisional morbidity	<p>Any defect in the incisional integrity with or without the presence of an infection</p>
Febrile Morbidity	<p>Morbidity involves all three components:</p> <ol style="list-style-type: none"> 1. Persistent fever (38°C) for 24 hours or temperature $>38^{\circ}\text{C}$ on two occasions 4 hours apart 2. Not associated with lower abdominal or pelvic tenderness on bimanual exam 3. No identifiable signs of infection elsewhere

eTable 2. Tests of Interaction Among Study Subgroups Between Membrane Status and Intervention

Exposures		Surgical Site Infection, No.	Total Participants, No.	Risk (%)
Intervention	Membrane Status			
Cephalexin-metronidazole	Intact	7	139	(5.04)
Cephalexin-metronidazole	ROM	6	63	(9.52)
Placebo	Intact	12	138	(8.70)
Placebo	ROM	19	63	(30.20)