Evidence-based Cesarean Techniques To Reduce Infection

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Educational Objectives

- Participant will be able to describe the health and economic burden associated with puerperal infection
- Participant will be able to describe the impact of cesarean delivery and other risk factors on puerperal infection
- Participant will be able to list five strategies to prevent post-cesarean infection
- Participant will be able to describe the benefits of adjunctive azithromycin
- Participant will be able to describe strategies of surgical skin prep to reduce infection

Outline

1. Health and economic burden of puerperal infection
   - Cause of maternal mortality in the United States
   - Types of post-cesarean infection
   - Costs of post-cesarean infection
2. Cesarean delivery and other risk factors of puerperal infection
   - Cesarean delivery
   - Other risk factors of infection
   - Frequency of post-cesarean infection
3. Strategies to prevent post-cesarean infection
   - Adjunctive azithromycin
   - Weight-based dosing of cefazolin
   - Pre-incision timing of antibiotic administration
   - Surgical skin preparation
   - Vaginal preparation
   - Hair removal
4. Benefits of adjunctive azithromycin
   - Effect on infections
   - Health resource utilization
5. Surgical skin preparation
   - Effect on infections
Select References