Reviewer's report

Title: Ampicillin / Sulbactam versus Cefuroxime as Antimicrobial Prophylaxis for Cesarean Delivery: a Randomized Study

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Reviewer: Susanna Esposito

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cThe paper of Ziogos et al. evaluates the efficacy and safety of a single dose of ampicillin/sulbactam compared to a single dose of cefuroxime at cord clamp for prevention of postcesarean infectious morbidity. However, there are some major points that required clarification.

1. The major problem is that the authors used two broad spectrum regimens not generally recommended for surgical prophylaxis, while narrow spectrum antimicrobials are usually recommended. No discussion on antimicrobial resistance has been included.

2. Why did the authors compare 3 g of ampicillin/sulbactam to 1.5 g cefuroxime? The two drugs are similar and 1.5 g of ampicillin/sulbactam is almost equivalent to 1.5 g cefuroxime.

3. The first dose of antimicrobial prophylaxis is recommended before surgical incision and not thereafter.

4. Some data sound uncommon. The authors’ infection rate was quite high in both groups. Moreover, duration of surgery seems too long for elective conditions as well as the number of patients that performed general anesthesia or had significant blood loss.

5. References have to be updated. Other Cochrane reviews and other studies have been published in the last years on this topic.

Level of interest: An article of insufficient interest to warrant publication in a scientific/medical journal

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

'I declare that I have no competing interests'