Reviewer's report

Title: Treatment of gram-positive deep sternal wound infections in cardiac surgery -Experiences with daptomycin-

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Reviewer: Madhan Kumar MKK Kuppuswamy

Reviewer's report:

Comments about “Treatment of gram-positive deep sternal wound infection in cardiac surgery- Experiences with Daptomycin”: I have to congratulate the authors for their efforts in studying Deep Sternal Wound Infections (DSWI) following sternotomy. DSWI, even though it occurs in a small group of patients, it is a chronic complication which has significant negative impact on patient’s well being and financial aspects of the treatment. The authors have studied extensively about the risk factors of DSWI, dose and duration of Daptomycin. As they mentioned in their paper, the limitation of their study is the small number of cases and shorter duration of follow up period. Daptomycin is an antibiotic of current generation. As we observed in most of the other antibiotics, the effects on controlling the infections will be good when the antibiotics were introduced. As they were used more frequently and more importantly for shorter duration, the chances of development of drug resistance are high. Usage of Daptomycin as a first line of antibiotic needs to be considered for the fear of development of drug resistance. This paper can be accepted in order to provoke the researchers to study the role of Daptomycin in DSWI in a larger group of patients with longer follow up period.

Discretionary Revisions: It will be appreciated if the authors include the cost involved in their treatment of DSWI with Daptomycin.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests