Reviewer's report

Title: Comparative evaluation of sump drainage by trocar puncture, percutaneous catheter drainage versus operative drainage in the treatment of intra-abdominal abscesses: a retrospective controlled study

Version: 1 Date: 23 September 2014

Reviewer: cheng zhou

Reviewer's report:

Comment 1 [Major Compulsory]: Methods of Abstract: Please list the important parameters which you would like to compared with

Comment 2 [Major Compulsory]: Results of Abstract: The way how you group should be in method not here

Comment 3 [Major Compulsory] Results of Abstract: In Results, the data should be specific, the value of each parameters, at least the significant ones should be list also with the P value. e.g. Postoperative hospitalization, the rate of complication

Comment 4 [Minor Essential]: Method of Abstract: Please mention the statistical method in the Method

Comment 5 [Minor Essential]: Introduction: There is no review about the surgery drain in the introduction. Without such background and info, we are not able to clear the dismerit of SD which will dilute the contribution of your paper.

Comment 6 [Major Compulsory]: Method: In last paragraph from method, please do not try to comment the technique just describe what you did.

Comment 7 [Major Compulsory]: Method: Please be more specific in the PDC and SD technique

Comment 8 [Minor Essential]: Please name all these three groups in coincident

Comment 9 [Minor Essential]: for the word "in accordance to" should be "in accordance with"

Comment 10 [Minor Essential]: In results, please change the word "thirteen" into "13"

Comment 11 [Minor Essential]: Please recheck the word "average length of follow-up period", should be something more acadimic

Comment 12 [Minor Essential]: "declined than" that is not a good expression

Comment 13 [Minor Essential]: In discussion, when you say the technique is a promising method for the therapy of Crohn disease, but without the reference, please name it.

Comment 14 [Minor Essential]: In discussion, i do believe the word "obligation of" should be obliterate
Comment 15 [Minor Essential]: Since the advantage of sump drain technique is the patency, why there is no comparison of blockage rate between the Trocar group and PCD group.

Comment 16 [Minor Essential]: As you mentioned, in the article the indications for surgery and puncture drain are different. Open drainage normally is a choice for whom fail to manage with puncture technique in clinic scenario. Although, at the beginning, the comparison of Appach2 scores shows no difference in severity of disease, but the discrepancy of diseases themselves could impact the result to some extent, which possibly impede your conclusion at last.

**Level of interest:** An article whose findings are important to those with closely related research interests

**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 interest