

Title: Evaluation of factors that predict the success rate of trial of labor after the cesarean section

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Reviewer's report:

Title: Associated factors and intrapartum management of the vaginal birth after cesarean section#a retrospective study.

Thank you for writing this manuscript. This subject consists a vital part in obstetric practice as the number of cesarean deliveries and their complications has increased dramatically worldwide. The following points need to be taking into consideration in order to enhance the manuscript

1. The title: In order to be more relevant to the work, It is advised to change the title into " Evaluation of factors that predict the success rate of trial of labor after the cesarean section"

2. Abstract: Aim of the study, methods and the are clear but could the conclusions answer the research proposal?

Abbreviations in the abstract should not be used.

3. Background (Introduction): Approaching the subject was good, but I think the definition of TOLAC should be provided and what is the difference between it and the term VBAC. Please provide a reference for the statement in page 4 line 58-60.

4. Methodology: In fact, some points in the inclusion and exclusion criteria on page 5 should be explained: Line 86: what is meant by normal pelvis?; Line 88 : Uterine rupture during pregnancy? or you mean during previous delivery?; Line 90 : Discontinuity of the anterior wall muscle layer of the lower uterus, how can this be confirmed? I prefer to use upper and lower uterine segment rather than lower uterus or uterine body statements.

Regarding the perinatal care: was the ANC given in the center of setting?

When the women were provided TOLAC and induction of labor was needed, what were the methods used?

In Line 104-106 Please explain this statement or rewrite it in another expression " If the labor process of pregnant women progressed slowly, the indications for surgery such as emergency fetal distress, threatened uterine rupture or other indications for cesarean section were relaxed." and what is the timeline to consider labor as slowly progressed?

5. Statistical analysis: Opinion of a specialist in statistics need to be considered.

6. Results: The data presented in an appropriate way, tables and figures relevant and clearly presented and the overall results are not repetitive.

7. Discussion and conclusions: Discussion is exhaustive and informative but if possible to be shortened. I suggest moving paragraph on page 14 from lines 219-223 with the conclusions portion. In addition please provide recommendations part.

Term of natural birth is better to be replaced by vaginal birth.

8. References are preferred to be updated within the last 5 years, for example

ACOG Practice bulletin no. 115: Vaginal birth after previous cesarean delivery. Obstet Gynecol 2010, 116:450-463.

was recently updated as ACOG Practice Bulletin No. 205: Vaginal Birth After Cesarean Delivery Obstetrics & Gynecology: February 2019 - Volume 133 - Issue 2 - p e110-e127.

Also please provide the DOI of references whenever possible.