Reviewer #1:
Scientific Quality: Grade B (Very good)
Language Quality: Grade B (Minor language polishing)
Conclusion: Minor revision
Specific Comments to Authors: Overall, this study was well conducted with good methodology and intelligible English. Authors selected 115 primiparas, 56 cases received conventional midwifery and routine nursing model, and 59 cases received midwifery responsibility nursing plus postural and psychological interventions. The delivery mode, maternal and fetal outcomes, negative emotions, labor duration, and nursing satisfaction were comparatively analyzed. They mainly discussed the influence of midwifery responsibility nursing plus postural and psychological interventions on maternal and fetal outcomes and NEs of primiparas. The reviewer has minor comments. Comments: 1-Abstract: The Abstract is not good enough and needs to be revised. Need to add some simple background and be more organized. 2-Introduction: The background part of the text is well written. 3-Experimental objects and methods: the paragraphs are generally well structured and explained. However, it needs to be clarified whether the study has been approved by relevant ethics committees. 4-Result: well and clearly presented with pertinent statistics. 5-Discussion: The manuscript clearly interprets the finding adequately and appropriately. In addition, the manuscript could highlight the key points clearly.

Reply: Thank you for your guidance. We are pleased to receive your recognition of the methodology and English language, and we will continue to conduct our research with feasible methods and in plain English. At present, there is not sufficient research on the clinical application of midwifery responsibility nursing plus postural and psychological interventions in the management and care of primiparas. This study mainly explores the application value of this nursing plan in the care management of primiparas, and discusses and analyzes from the perspective of delivery mode, maternal and fetal outcomes, negative emotions, labor duration, and nursing satisfaction, in order to provide effective nursing solutions, provide clinical basis for nursing management of primiparas, and help improve their delivery experience. Thanks for some of your suggestions, we have supplemented some background information to make the Abstract more organized. For the Introductory section, we are very pleased that the background part of the text has been recognized by you. For the Materials and methods section, we will continue to keep the paragraphs well structured and explained in the future. At the same time, we have added in the Methods section that the study has been approved by the relevant ethics committee. For the discussion section, we are very pleased to receive your recognition that the manuscript adequately and appropriately explains the findings and that the manuscript can clearly highlight key points.

Reviewer #2:
Scientific Quality: Grade C (Good)
Language Quality: Grade B (Minor language polishing)
Conclusion: Minor revision
Specific Comments to Authors: Primiparas are prone to anxiety, fear and other NEs due to their lack of experience in childbirth, which may affect the progress of labor and the

smooth delivery, so it is extremely important to give psychological interventions to them. In this study, the prenatal education in the nursing management model used in the research group gave guidance to primiparas on the possible problems and coping approaches during the labor process, which helps accelerate the progress of labor. Meanwhile, authors found given the nursing model of midwifery responsibility system plus postural and psychological interventions could alleviate the anxiety and depression of the mothers, improved the natural delivery rate and nursing satisfaction, which deserves clinical promotion. The manuscript is well written. The experiment of the study is designed very well, aims are very clear. Methods are reasonable. Data in 2 figures and 4 tables are very good, and well discussed. Thank you for giving opportunity to review your study.

Reply: Thank you for your specific comments. Due to the fact that both primiparas and primiparas have a high risk of depression in the perinatal period with a much higher proportion of primiparas suffering from depression compared with primiparas, as well as more serious fear, anxiety and other negative emotions in primiparas due to their lack of experience in childbirth, primiparas are selected as the research participants of this study and treated with psychological interventions that are particularly important for them. This study analyzed and validated the superior clinical effectiveness of midwifery responsibility nursing + postural and psychological interventions to conventional midwifery + routine nursing model versus for primiparas from the delivery mode, maternal-fetal outcomes, negative emotions, labor duration and nursing satisfaction. We are pleased to receive your careful review and approval of the experimental design, purpose, methods, figures and tables, and discussion of this study.