

REVIEWER'S REPORT

Manuscript No.: IJAR-58565

Title: Intrauterine autologous platelet-rich plasma for thin endometrium in clomiphene citrate-induced cycles: a pre- and post-interventional study.

Recommendation:

Accept as it is

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality	Excellent			
Clarity	Excellent			
Significance	Excellent			

Reviewer's ID: Dr. Sumathi

Detailed Reviewer's Report

1. Platelet-rich plasma (PRP) therapy is a medical treatment that uses a higher concentration of a patient's own platelets—via blood draw, centrifuge separation, and targeted injection—to stimulate healing in damaged tissues, joints, and hair follicles.
2. A thin endometrium is a uterine lining measuring less than 7 millimeters (mm) during the fertile window of a menstrual cycle, which can make it hard for a fertilized egg to attach. Common signs include lighter periods or trouble getting pregnant, and main causes involve low hormones, scar tissue, or reduced blood flow.
3. Clomiphene citrate (commonly known by the brand name Clomid is an oral prescription medication used primarily to treat female infertility by stimulating ovulation. It is a selective estrogen receptor modulator that tricks the brain into releasing hormones needed to mature and release an egg.
4. Ovulation induction is a medical fertility treatment that uses oral or injectable hormones to stimulate the ovaries, release mature eggs, and treat irregular or absent ovulation.

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- 5. Endometrial receptivity is the brief, highly synchronized period when your uterine lining (endometrium) is structurally and biochemically primed for embryo implantation. It typically occurs 6 to 8 days after ovulation and is strictly driven by hormonal balance, particularly progesterone.**
- 6. Infertility is a disease of the reproductive system defined by the failure to achieve a pregnancy after 12 months or more of regular unprotected sexual intercourse. It can stem from female factors, male factors, or a combination of both.**
- 7. Intrauterine autologous platelet-rich plasma (PRP) is an experimental fertility treatment involving the infusion of a patient's own concentrated platelets into the uterus to improve endometrial thickness, enhance tissue regeneration, and boost IVF success rates.**
- 8. A post-interventional study (often part of a pre-post or post-marketing design) evaluates participant health outcomes, safety, or behaviors *after* a specific treatment, medical device, policy, or clinical protocol has been applied. It measures whether changes occurred relative to baseline data.**
- 9. Key words and abstract are awesome.**
- 10. In Result part should be given graphs for values.**
- 11. Summary points also be included.**
- 12. References should be with alphabetical order.**
- 13. After those changes good to publish in your journal.**