

Review Form 1.6

Journal Name:	Journal of Pharmaceutical Research International
Manuscript Number:	Ms_JPRI_81027
Title of the Manuscript:	Study on Effectiveness of Blastocyst Transfer over Cleavage Stage Embryo Transfer in Patients with Failed Conception
Type of the Article	Basic Research

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljpri.com/index.php/JPRI/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<ul style="list-style-type: none"> -IVF has been proved a blessing for many couples. -Embryo selection and transfer are key steps in ART. In-vitro fertilization includes embryo transfer either at cleavage stage (day2/ day3) or at blastocyst stage (day5). -Implantation rate can be improved by transferring blastocyst stage embryo. -Implantation rate may decrease after repeated unsuccessful implantation -Blastocyst stage embryo transfer is effective compared to Cleavage Stage Embryo Transfer. -To study the Effectiveness Blastocyst transfer over cleavage stage embryo transfer in patients who failed to conceive with cleavage stage embryo transfer. 	
Minor REVISION comments	<ul style="list-style-type: none"> -Blastocyst stage embryo transfer may give more positive result compare cleavage transfer. -We predict that transferring embryo at blastocyst stage may increase implantation and pregnancy rate -The main factor in In-vitro fertilization is implantation, particularly among couples with earlier failed IVF cycle. -Implantation rate may be better by transferring blastocyst stage embryo instead to pick premature stage without knowing their expanding ability and allow better selection of embryos. Thus decreases the number of transferring more embryos ⁽²⁾. 	
Optional/General comments	<ul style="list-style-type: none"> -The most capable embryos expands to form blastocyst stage are chosen for the transfer and the embryos that have stop their growth are recognize and are not selected for further procedure⁽²⁾ -Implantation rate decreases after repeated unsuccessful implantation. Transfer of cleavage stage embryo is reason for unsuccessful implantation ⁽³⁾. -Reasons of blastocyst embryo is more successful than cleavage stage embryos because, cleavage stage embryo is physically premature stage embryo to the uterus environment -Only good quality embryos will grow till blastocyst stage (day 5 to day 6) and this will allow to choose only those embryos which have capability to grow till blastocyst stage and therefore this would result in higher implantation rate, thereby lowering the multiple birth rate, thereby decreases the multiple birth rate^{(3),(5)}. 	

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PART 2:

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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