Abstract

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'Role of Artificial Intelligence with regards to improving success rate in human "in vitro fertilization "with emphasis on the blastocyst characteristics with respect to improving implantation, avoiding aneuploidy, for optimization of Live Birth rates"-A Systematic Review An evaluation of cholera surveillance system in the Ga east municipality accra

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Abstract

Artificial Intelligence(AI) is a expanding field to optimize results in medicine with special emphasis in radiology with optimization of images.Similarly in reproductive medicine it has taken over in the last few years .Ideally embryo assessment as well as selection decides the ultimate fate of the in vitro fertilization (IVF) event.The objective is to pick the best out of the large cohort of the oocytes that managed to get fertilized.Maximum of which would work out to be nonviable secondary to aberrant generation or chromosomal aberrations .It has usually been recognized that despite embryo selection depending on the compounded results of morphology,morphokinetics characteristics, time lapse microscopic(TLM) photography,or embryo biopsy with preimplantation genetic testing for aneuploidy(PGT-A),implantation rates in the human has not been easy to anticipate.Hence in our efforts to escalate embryo assessment as well as selection along with escalation of live birth rate(LBR) would need innovative methods

Biography

Dr Kulvinder Kaur is the scientific director of DR Kulvinder Kaur Centre For Human Reproduction, jalandhar, Punjab , India, where she manages the complicated cases of infertility .She graduated from LHMC Delhi in 1980 topping in medicine in all 3 medical colleges thereby getting the DR Devi Chand Gold medal from the late PM Smt Indira Gandhi&also topped in all the MBBS subjects prior to that eg anatomy,pathology,biochem etc making her basicssound &later she managed the endocrine clinic in PGI Chandigarh during her MD days.

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