

Prediction and Treatment of Risk Factors Affecting In Vitro Fertilization Therapy

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Abstract

Background: Failure to conceive following regular or frequent unprotected intercourse for a year or more has been defined as infertility. In-Vitro Fertilization (IVF) is the most recommended treatment for unresolved infertility issues worldwide. There are various factors associated with the risk of infertility and if left untreated these may lead to an exaggerated damage that further results into recurrent IVF failure in these patients. Materials & Methods: This study was conducted at Krishna Medical Centre, Lucknow, Uttar Pradesh, from September 2012 to December 2019 in 800 patients experiencing infertility problem. The study includes females with valid indication for IVF treatment age between 20 years to 50 years. Various pathological, environmental and anatomical factors associated with infertility have been investigated in the patients. The surgical interventions used to modify the anatomical barriers leading to infertility in the patients have also been mentioned in the manuscript. Result: In this study it was found that there are various physical, physiological, environmental and anatomical risk factors that pose threat to successful pregnancy in the infertile couples. These factors also create restrictions in successful conception through in vitro fertilization in these subjects.

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Biography

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