

An Analysis of Factors Associated with Female Infertility

Atul Shrikrishna Dange¹ and Dr. Asgar Khan²

Research Scholar, Department of Bio-Chemistry¹

Assistant Professor, Department of Bio-Chemistry²

Sunrise University, Alwar, Rajasthan, India

Abstract: *The incapacity of a couple to conceive, despite two or more years of unprotected sexual intercourse, is the general definition of infertility. It impacts approximately 60 million to 168 million individuals and 13% to 15% of couples worldwide. A search was conducted in the MEDLINE, Scopus, EMBASE, PUBMED, and Science Direct databases for this investigation. The comprehensive review examined thirty-one research articles. The objective of the current investigation was to conduct a comprehensive literature review in order to identify the risk factors associated with female infertility. Smoking, obesity, alcohol consumption, advanced maternal age, sexually transmitted infections, ovarian factors, tubal and peritoneal factors, hormonal disorders, genetic factors, lifestyle, and many other factors are among the risk factors for infertility. The causes of infertility have been associated with a variety of factors. The likelihood of women experiencing fertility can be enhanced through lifestyle modifications, the identification and management of chronic diseases, and the provision of rapid and appropriate treatments for sexually transmitted diseases. This research article is advantageous and advantageous to all medical and scientific researchers who are interested in eliminating infertility.*

Keywords: Female Infertility, Polycystic Ovary Syndrome (PCOS)