

Epidemiologic survey on the Major causes of Primary infertility in women's referred to infertility center in Al-Imam Al-Hussein Teaching Hospital in Thi-Qar Governorate

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ABSTRACT

Background: Infertility is seen as a serious health-care issue in some societies. The widespread nature of this problem amplified its significance. Environmental and acquired risk factors have been linked to a large percentage of infertility cases. Different environmental factors underscored the importance of researching the various causes of infertility in each place.

Objectives: This study was aimed to identify the major causes of primary infertility in infertile women and to find out relationship between causes of infertility and some sociodemographic variables.

Methodology: 200 infertile women who were sent to the infertility center at Al-Imam Al-Huseein teaching hospital between 2020 and 2021 were evaluated in this cross-sectional descriptive study. The only government-run infertility center in Thi-Qar is this center. Census-based sampling was used. Medical evaluations and test results were used to learn more about the women. The mean, standard deviation, and descriptive statistics like frequencies and percentages were utilized to analyze the data.

Result: Primary infertility was prevalent among women who went to the infertility center at Imam Hussein Teaching Hospital in Dhi Qar Governorate, and the reasons were as follows (polycystic ovarian syndrome, uterine or cervical causes, unknown causes, premature ovarian deficiency, hypothalamic disorders, endometriosis, elevated prolactin level, damage to the fallopian tube). There is a significant relationship between polycystic ovarian syndrome with age and weight.

Conclusion: In our study, the etiology pattern of female primary infertility was similar to many other patterns described presented by the (WHO). However, ovulation abnormalities are significantly more common than in another research, which calls for further analysis.

Keywords: Epidemiologic survey, Causes, Primary infertility, Thi-Qar Governorate

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