

P02-46

THE EVALUATION OF THE RATE OF MAJOR DEPRESSION IN THOSE WHO USE NORPLANT AT SHIRAZ HAFEZ HOSPITAL

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Introduction: Depression is a serious condition that can impact every area of your life.

Female depression and even the pattern of symptoms are often different.

Aims: The aim of this research study is to investigate the rate of severe depression in those who use progestin. In order to achieve this objective, 260 patients volunteered to participate in this investigation and they were referred to the family planning clinic at Hafez hospital, and were implanted with a capsule of Norplant.

Methods: In order to further fulfill the selection process of patients suitable for this project, 200 of the most suitable candidates who suffered from even minor depression but had no history of congenital and familial major depression were selected and considered fit for this research work.

Results: The results drawn from this investigative study can be summarized as follows;

1-The relationships between progestin in anti pregnancy compound tablets, major depression and anxiety were recognized from many years ago. Norplant which is progestin itself can also be regarded as the cause of these conditions.

2-This investigation concluded that, among those patients studied, only 0.5% started having major depression as a result of the implantation. Therefore, Norplant was removed from their body.

Conclusions: A good consultation, awareness, correct guidance and efficient method of educating people before using Norplant, seeking prompt referral advice and future follow ups, will result in an effective way of preventing, diagnosis and treatment of these side effect conditions.