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The Study Effect on Serum Prolactin Level in Women with Hypothyroidism Disorder

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Abstract: Objective:-The find to the incidence of hypothyroidism was being much higher than hyperthyroidism. Reported studies these two conditions on reproductive physiology in women and in experimental female animals have shown that both hypothyroidism is associated with delay in onset of puberty, anovulation, various menstrual irregularities, infertility and spontaneous abortions.

Material:-Twenty women is conducted on the level of Prolactin in subjects between the age group 20 – 40 years out of which twenty are control, . In this 20 patients are hypothyroid.

Result:- the present study indicates that there is significant (>0.001) increase in serum prolactin levels in hypothyroidism. The mean serum prolactin level in hyperprolactinemic women was 41.615 ± 5.03 ng/mL.

Conclusion:- The incidence of hypothyroidism in hyperprolactinemia was 40%. There is a high incidence of hyperprolactinemia in infertile women. A positive correlation is found between hypothyroidism and hyperprolactinemia.

Key words : hyperprolactinemia, infertility, hypothyroidism.

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