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ANEMIA DUE TO FOLIC ACID, VITAMIN B12 AND IRON DEFICIENCIES IN SOME PREGNANT AND NON-PREGNANT WOMEN IN KERMAN CITY

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Abstract:

Fifty-three pregnant and 58 non-pregnant women, attending one of the hospitals in Kerman city, were selected according to set criteria and included in the study. The mean age was 24 years and the mean parity two. Nutritional status was assessed on the basis of blood and serum biochemical parameters. Results obtained showed that 4%, 3%, 17%, 12% and 13.3% of the women have low level of Hb, Hct MCV MCHC and MCH, respectively. Also, the percentages of women suffering from a deficiency of folic acid, vitamin B12 and iron were 16.9%, 7% and 8.7% respectively. In 18.7% of the subjects the transferrin saturation percentage was lower, and in 46.6% of them TIBC was higher, than normal.

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