

WOMEN OF CHILDBEARING AGE MAY BENEFIT FROM IODINE SUPPLEMENTATION SEVERAL MONTHS BEFORE CONCEPTION

incidence of hypothyroidism in pregnancy is estimated to be around 4%, with most of the women having subclinical disease; the women who were detected were newly diagnosed or those with iodine deficiency (the incidence is very low in the United States), or about 40% of women who were on levothyroxine therapy at the time of the first obstetrical visit (4). It was shown that women on levothyroxine (L-T₄) therapy with a preconception serum TSH <1.3 mIU/L (5), attained a normal serum TSH (<2.5 mIU/L) at the first obstetrical visit. Therefore, it appears reasonable, until further studies confirm the work of Moleti et al.,

to advise all women in the United States who are of reproductive age to add an extra 150 µg of iodine daily to their regular diet, and in addition to advise those on L-T₄ therapy to maintain their serum TSH levels at not more than 1.3 mIU/L. The exception is women who have undergone thyroidectomy for thyroid cancer, who usually require a lower serum TSH level. As we all know very well, unplanned pregnancy is not a rare event in our daily practice.

— Jorge H. Mestman, MD

References

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