THE IMPACT OF HORMONAL PROFILE ON ANTIDEPRESSANT-INDUCED WEIGHT GAIN IN PATIENTS WITH DEPRESSION

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BACKGROUND AND AIMS

The aim of our study was to analyze the impact of hormonal profile on metabolic syndrome and antidepressant-induced weight gain in patients with major depressive disorder.

MATERIALS AND METHODS

89 inpatients with major depression (74% females, mean age – $45,04 \pm 11,4$ years) were evaluated at baseline and after 6 weeks of antidepressant therapy (SSRI, TCA). Clinical evaluation (weight, BMI, waist circumference; waist-hip ratio: weight gain), psychometric instruments (HDRS-17, DEBQ) and laboratory panel (thyroid hormones, sex steroids, leptin, insulin, lipidogram) were used in the assessment.

RESULTS

Hormonal profiles of higher risks of antidepressant-induced weight gain at baseline

Hormonal profiles of higher risks of antidepressant-induced weight gain during treatment process

CONCLUSIONS

Certain hormonal profiles are associated with the higher risks of antidepressant-induced weight gain and could be used as the predictors of metabolic side-effects in patients receiving antidepressant treatment.