## Thyroid hormones imbalance in patients with functional dyspepsia

Babaeva A., Osadchuk M., Vidiker R., Reutova E., Solodenkova K., Korzhenkov N., Trushin M. Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

## Abstract

© 2018, Pharmainfo Publications. All rights reserved. The article presents the results of our research into the analysis of the thyroid dysfunction role in the pathogenesis and clinical manifestations of functional dyspepsia (FD). It was revealed that 31% of patients with FD had a T3 and/or FT4 level drop at normal or moderately reduced levels of TSH in the blood, which corresponds to the notion of euthyroid pathology syndrome. These changes in the thyroid hormones level were more often found in the postprandial FD case than in the one with epigastric pain syndrome. Besides this, FD patients had a rise in the average level of antithyroid antibodies compared to the healthy controls. A direct relationship was discovered between the degree of FD clinical signs and thyroid system functional disorders. The results obtained allow us to make a conclusion concerning the significance of thyroid hormones imbalance in FD pathogenesis and clinical picture.

## **Keywords**

Functional dyspepsia, Sick euthyroid syndrome, Thyroid gland hormones

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