

PATHOLOGICAL ANATOMY OF THE THYROID GLAND IN WOMEN WITH CEREBRAL INJURIES

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Relevance of the topic: Traumatic brain injury (TBI) is an important pathological factor leading to dysfunction of the neuroendocrine system in women. In particular, the thyroid gland (TH) is closely connected to the central nervous system through the hypothalamic-pituitary axis and is characterized by a rapid response to hormonal imbalance and morphofunctional changes in women after head injuries. Due to the high sensitivity of the endocrine system in the body of injured women, the study of pathological anatomical changes that occur in the uterus after UTI is of great scientific and practical importance.

Objective: To identify morphological and pathoanatomical changes in the thyroid gland in female patients with combined head injuries and to correlate them with the severity of the injury.

Results: As a result of the examinations, the following pathoanatomical changes were detected in the thyroid gland in women with BPH: uneven enlargement or shrinkage of follicles, liquefaction of colloid, dystrophic and vacuolar changes in thyrocytes, and in some cases, signs of focal hyperplasia were observed. Vascular expansion, stasis and perivascular edema were found in the stroma. In cases of severe injury, signs characteristic of interstitial fibrosis and decreased secretory activity prevailed.

Conclusions: In conclusion, it can be said that combined head injuries cause pronounced pathoanatomical changes in the thyroid gland in women. The identified morphological changes are associated with impaired neuroendocrine regulation, indicating the need for early diagnosis of endocrine complications and the development of complex treatment tactics.

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