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PATHOPHYSIOLOGICAL PREDICATIVE FACTORS OF RETINAL VEIN THROMBOSIS PROGRESS

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SUMMARY

We have studied the potency of fibrinolytic blood plasma activity and blood flow state in the eye vessels in occlusive lesion of central retina tributaries by involving 124 patients who were on the stationary treatment in the ophthalmic department of SI "Institute of Urgent and Recovery Surgery n.a. V.K. Gusak of NAMS of Ukraine" within the period since 2010 to 2014. The most informative diagnostic sign of ischemic thrombosis of the central retina tributary is an increase of the integral PI sign that shows the vessel resistance and a decrease of speed hemodynamic parameters. It should be noted that the vein outflow disturbance is accompanied by a decrease of arterial perfusion as well, which leads to aggravation of the vein thrombosis progress. It should be mentioned that the data about the tissue growth factor in the lacrimal liquid allow prediction of the severity stage of neovascularization development and treatment effectiveness.

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PI,

.TGF-

[7].

(.1). (

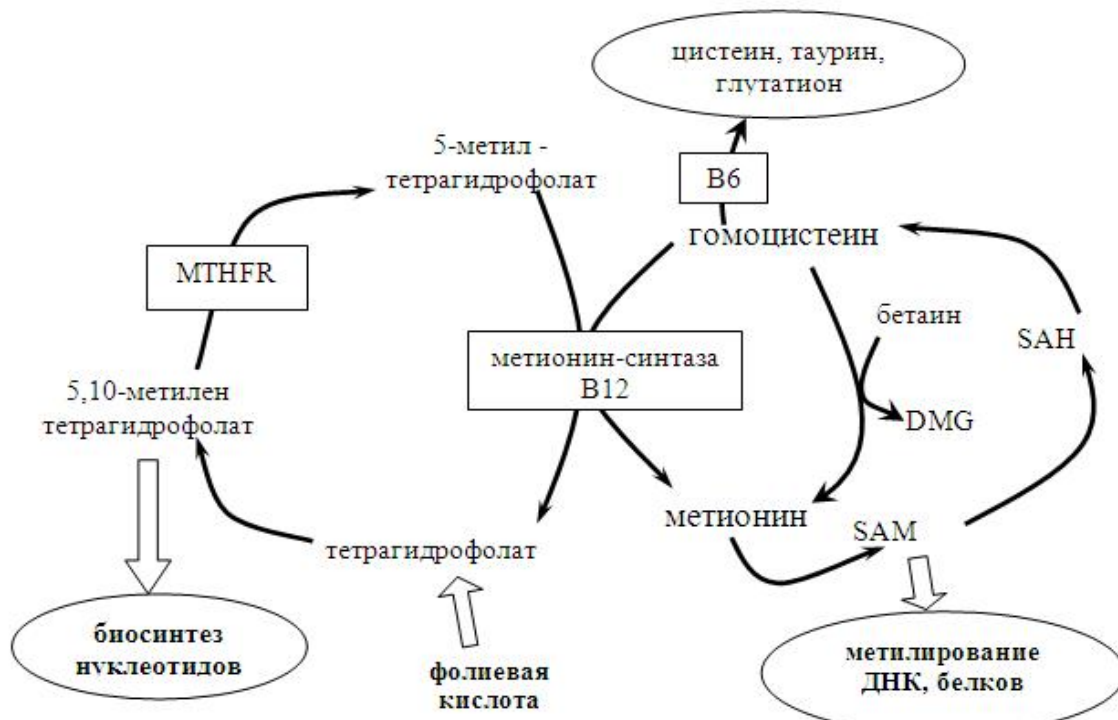
B6,

B12

[8].

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.1.

[2].

: MTHFR –
, DMG –

, SAM — S-

, SAH – S-

5,10
(MTHFR) [2].

[1].

[4].

III (III),

(V),

S (S),

[6,8].

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	TGF , /	TGF , /
	18,4±2,1	23,4±3,3
	28,7±4,9	646±112

:* - (<0,05).

Vs 32,8±3,2 / ()
 29,6±0,6 / , Vd 9,2±1,8 6,7±0,2 /
 (<0,05). RI
 PI 1,3±0,05 2,3±0,4. Vs
 10,7±0,9 / () 7,9±0,2 / , Vd
 3,1±1,6 2,1±0,3 / (<0,05). RI
 , PI
 1,4±0,07 3,2±0,05. Vmax
 8,4±1,6 5,1±1,5 / , 4,4±0,68
 2,8±0,04 / (<0,05).

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