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№ 546/9

President Global Medical Aid

Hans Frederik Dydensborg

Gerontology Institute brings the deepest gratitude for the humanitarian assistance ( transcranial magnetic stimulator coil).

Within 5 years this method was used effectively in the rehabilitation of patients with stroke and head injuries (including for members of anti-terrorist association).

Since February 2015 the unit was not working, which significantly reduced the effectiveness of rehabilitation of patients.

Thanks to your humanitarian work of the unit will be restored.

President of neurorehabilitation center,

National Academy of Medical Science Academician,

Professor of Medicine

S. Kuznetsova



Results of duplex scanning of brachycephalic extracranial vessels : visualized distal brachiocephalic trunk, proximal parts of the subclavian, common carotid, external extracranial carotid and internal carotid, vertebral arteries in segments V1 and V2, including the mouth on both sides. Rendering quality was satisfactory. The thickness of the intima-media dramatically exceeds the age limit (right - 1.2 mm , left - 1.3 mm ). The differentiation of the layers is broken.

Course of vessels in extracranial carotid is crimped.

In the bifurcation of the right CCA, with the transition to the mouth of the ICA and ECA, located heterogeneous (with areas of calcification and jagged edges) atherosclerotic plaque of 2.6 mm , that blocks the CCA to 35-40% by area.

In the bifurcation of the left CCA, with the transition to the mouth of the ICA, located heterogeneous (with areas of calcification) atherosclerotic plaque of 2.0 mm, that blocks the CCA to 30-35% by area.

The blood flow in the vessels of extracranial carotid symmetrical, sufficient.

Both of the VA included in the segment V2 at the C5-C6 have tortuous course, a gap in the rendered areas is free.

In vertebralno-basilar basin: flow in the VA - reduced. Asymmetry of VPS about 30% (S < D). The blood flow of BA - reduced.

Transcranial duplex scanning. Blood flow in the symmetrical segments of ACA and MCA - symmetric sufficient. Blood flow in the symmetrical segments of PMA - symmetric reduced. The blood flow in the veins of Rosenthal monophasic, normal.

No signs of venous distcirculation.

Врач: Юрченко Ф.В.





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Дата: 11.06.2019

## Conclusion

Atherosclerotic and hypertonic encephalopathy with elements of chronic vessel insufficiency in vertebra-basilar basin and restlessness legs syndrome

### Recommendations:

1. Vessel Due F (Sulodexinum) 1 tab a day in the evening during 1 month
2. Atorvastatin 20 mg a day
3. Gamalate B6 1 tab twice a day during 2 months/
4. Nicerium 10 mg twice a day.
5. 24-hour monitoring of BP

Professor

S. Kuznetsova