

Value of Ultrasound Screening of Hemodynamic Disorders in Practice of Speech Therapists and Psychologists



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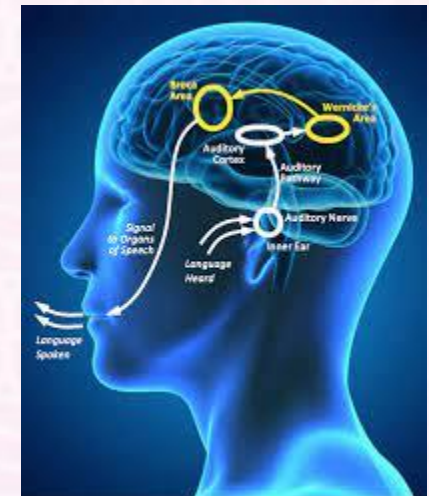
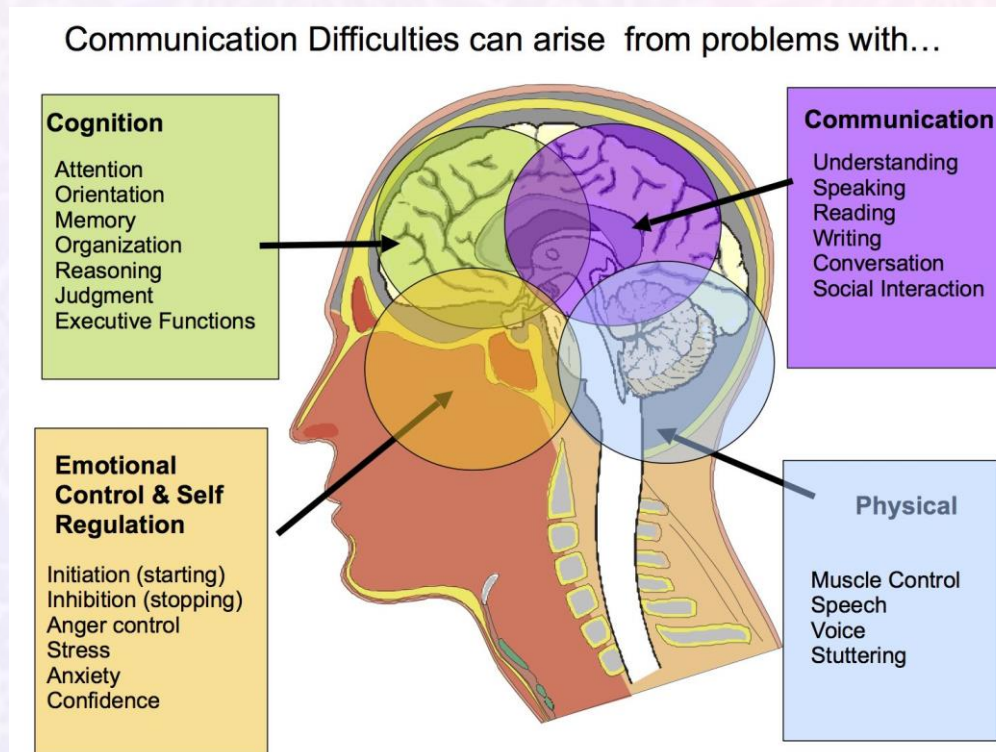
Veritas ITMED Center for Medical Technology Transfer (Kyiv, Ukraine)

Clinic of Vascular Innovations (Kyiv, Ukraine)

Ukrainian Medical Innovations Medical Center (Ternopil, Ukraine)



Individual correction of hemodynamic disorders of cerebral hemodynamics under ultrasound control in delayed psychospeech and cognitive development

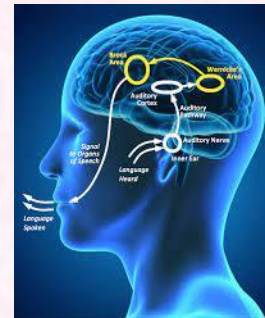


Triplex ultrasound in the study and correction of cerebral hemodynamics and arteriovenous balance

SPEECH AND LANGUAGE DISORDERS



- Apraxia of speech
- Non-fluent aphasia
- Semantic aphasia
- Logopenic aphasia



Ultrasound technology of analytical clinical-hemodynamic correlation of hemodynamic and psychoneurological deficits has already been developed and successfully tested with 35 years of experience and is one of the basic technologies for evidence-based medicine and the selection of tactics of medicinal Angiotherapy and Angiocorrection for the recovery of cognitive deficits.

NEUROREHABILITATION

Unique author technologies - vascular innovations

- Technology of vascular screening
- Technology of arterio-venous balance in the brain vessels
- Technology of angiomarkers
- Technology of angiotherapy
- Technology of blood supply in Rehabilitation

WE OFFER:

- Know-how in vascular pathology
DR. ULYANA LUSHCHYK, MD, MsC, PhD, Associate member of Ukrainian Academy for Technological Sciences, www.Lushchyk.org
- Copyright experience of Scientific Centre 'Veritas' and Clinic of Health Vessels
- Patented copyright programs of diagnostic and no surgical treatment of the vascular bed
- Transfer of technologie
- Master Class
- Education

VASCULAR INNOVATIONS FOR DOCTORS AND PATIENTS Know-how

The Norm **The Pathology**

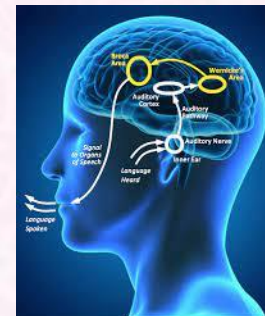
Angiomarkers in angioneurology

Cardial Ischemic biomarkers

Vascular screening of microcirculation

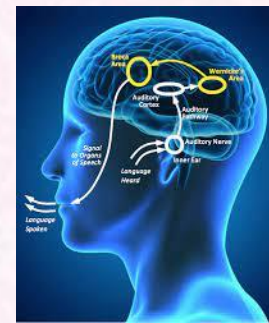
Individual evidence based angiotherapy

UNIQUE EVIDENCE BASED VASCULAR TECHNOLOGIES



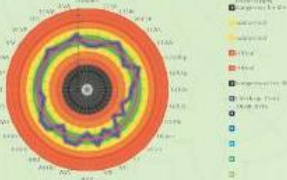
Ultrasound verification and angiocorrection of cerebral dyshemia was performed in 5,683 children and adolescents lasting from 3 months to 2.5 years in order to restore hemodynamic disorders:

1. arteriovenous balance,
2. pathological arteriovenous shunting,
3. hypoplasia and hypofunction of the middle cerebral artery,
4. hypofunction of the anterior cerebral arteries by the type of extravasal compression,
5. in case of intracranial hydrohemodynamic conflict in posterior cranial fossa,
6. dysfunction of the main artery and posterior cerebral arteries by the type of angiodystonia or diastolic deficiency.



All children had pathological hemodynamic patterns with delayed psycho-speech development, topographically hemodynamic and psychoneurological disorders are correlated in 87% of cases, in 13% there are syndromes of intracerebral theft.

THE NORM

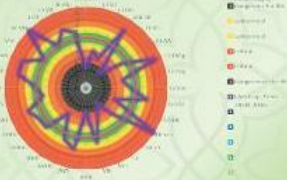


- Normal
- Varying
- Defective
- Problem area

Normally histogram should be in green and yellow stripes.

If your hemodynamic parameters are depicted in the orange-red range, you should undertake treatment aimed at preventing vascular crises, stroke and heart attack and other life-threatening critical vascular conditions.

THE PATHOLOGY

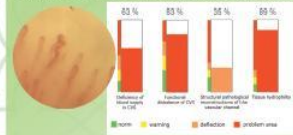


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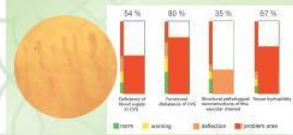


PEPEP Angiotherapy: from chaos in functioning in the cardiovascular system to normalization of parameters of blood supply for organs and systems for half-year intensive treatment under control of vascular innovative technologies

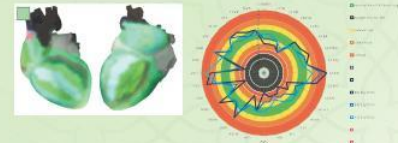
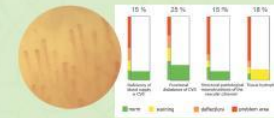
Objectivisation of 1st and 2nd month course with slight positive changes



2nd monthcourse



Objectivisation of 3 and 4 courses of treatment with considerable positive changes. The state is near to complete recovery.



A patient has the opportunity to look after the heart state in the process of diagnostics and treatment.

A doctor gets an evident guidance to the action in the process of diagnostics and treatment.

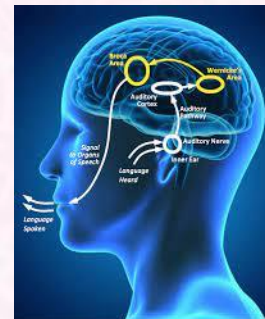
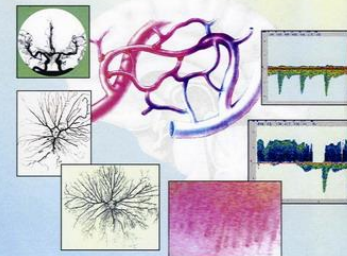
Angiotherapy by the copyrighted technologies of Ulyana Lushchik, MD, academician of ATS.



TRANSFORMATION OF PATHOLOGICAL REACTIONS OF VESSELS IN SANOGENIC AUTOREGULATORY CAN BE POSSIBLE ONLY DUE TO SMART TECHNOLOGIES - VASCULAR INNOVATIONS

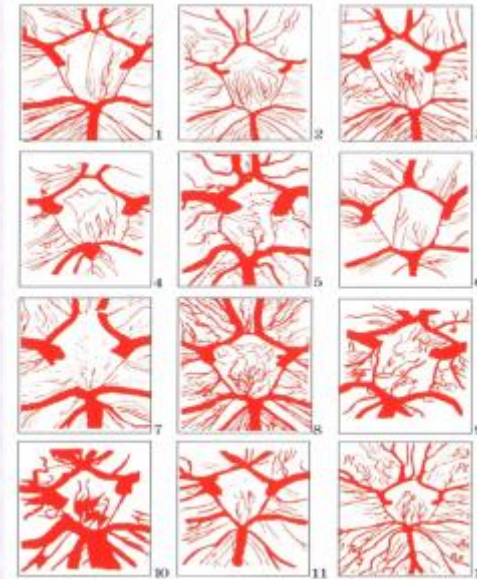
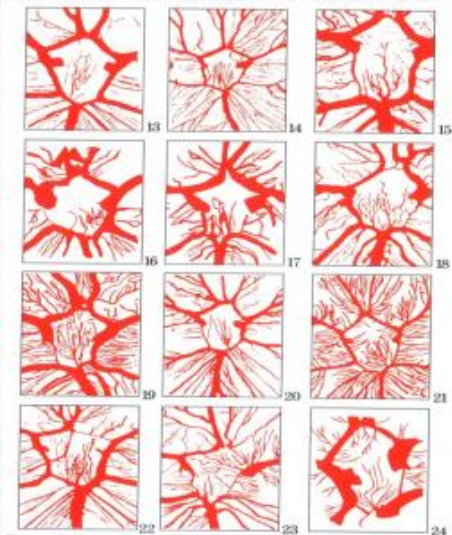
Lushchik U.B., Novytsky V.V., Alexeyeva T.S., Frantsevich K.A., Branytska N.S.

ANALYTICAL ASPECTS OF AN INDIVIDUAL HEMODYNAMIC CORRECTION IN THE ANGIONEUROLOGY

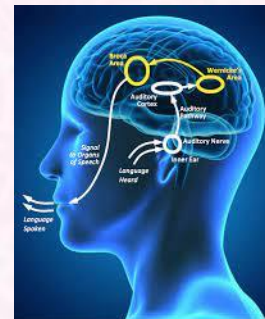


Results

Angiotherapy and correction are carried out under ultrasound monitoring of changes in hemodynamic parameters and are accompanied by gradual sanogenic transformation of cerebral angioarchitectonics, restoration of the main type of blood supply to the brain and sanogenic transformation of small-caliber and/or large-caliber types of angioarchitectonics *



*Method of regional angioarchitectonics evaluation: State Patent of Ukraine. No. 67707A; 31.12.2003) of cerebral arteries into normal-caliber ones with restoration of hydrohemodynamic balance and intravascular blood pressure.

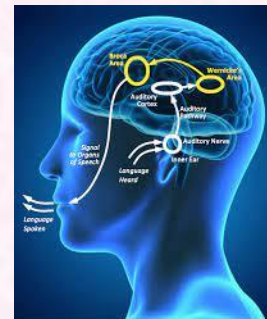


Ultrasound technology is decisive in choosing an adequate, personalized method for angiotherapy and angiocorrection.



Conclusions

Ultrasound methodology for the study of the cerebral regional reservoir enables not only to ascertain the structural and functional pathologies of the occlusion of arteries and veins, but has become a method of evidence-based medicine in personalized hydrohemodynamic correction of the arteriovenous channel of the cerebral regional reservoir for the purpose of speech formation and adequate psychological and cognitive development in children with delayed psycho-speech development





**Sincerely grateful you
for your attention!**



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