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The active function of venous brain system into hemodynamic brain circulation

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Our study about new physiological quality of vessels (angiosynizesis, self-excitation all vessel vibration), the movement of brain and flow of cerebrospinal fluid (effect of movement and exchanges during time of vertebral column, especially 3D exchanges vertebral column canal) together go to realisation that the pulsing flow in live organism is essential. All study have similar design: Experimental study, mathematical models, experimental models. Pulsing flow e.g. the problem nonpulsing flow at artificial pump in blood circulation, during time delay ischemic tissue deposit will be developed. The vibration of vessel wall during physiological state, facility beginning of angiosynizesis by propagation pulsing pressure wave, structural stability of bridging veins can be restored by adequate rise in pressure in given moment. Pulsing systems have more side effects, may be due to electromagnetic continuum into live organism on remodeling live organism during life and on thermodynamic dissipation. The venous brain system has active and regulatory function in hemodynamic flow of brain.

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