

THE USE OF HIRUDOTHERAPY IN VARIOUS PATHOLOGIES WITH IMPAIRED BLOOD CLOTTING

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Varicose veins are a very common disease. About 30% of the adult population worldwide suffer from this pathology. Disorders in varicose veins develop slowly, which determines the effective treatment of varicose veins of various categories with hirudotherapy. Hirudotherapy was widely used until the middle of the XIX century, as one of the types of bloodletting. Since the end of the XX century leeches have come back into use, as it turned out that the saliva of leeches contains an anticoagulant called "girudin". It effectively reduces blood clotting and improves blood circulation. Treatment with leeches does not consist in bloodletting, but in the action of hirudin – it reduces blood clotting due to the suppression of the enzyme thrombin. In addition, numerous studies show that the saliva of leeches also contains painkillers, immunostimulating, metabolism-improving components, which in turn makes it possible to treat migraines, osteochondrosis and ENT diseases. If we consider in more detail the hirudotherapy of varicose veins, then hirudotherapy with dilation of the veins of the lower extremities allows us to achieve such positive results as – elimination of puffiness, pain and discomfort, improvement of drainage function, improvement of permeability of the walls of large and small vessels, improvement of blood microcirculation, reduction of blood clots, healing of inflammation in places of accumulation of blood clots, strengthening of vascular walls, preventing the progression of lower varicose veins

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We have compiled a comprehensive study for the use of hirudotherapy for varicose veins of the lower extremities. For this purpose, a questionnaire was developed that contains research methods: blood pressure, pulse oximetry, ultrasound (Doppler) diagnostics. The purpose of our scientific research was to conduct hirudotherapy in 100 sick women in different age categories. In parallel with the treatment, patients were surveyed. Further, the patients underwent ultrasound (Doppler) diagnostics of the veins of the lower extremities. To date, 20 sick women have hirudotherapy was performed with grade 1 and 2 varicose veins and the following conclusions were made: After hirudotherapy, in 90% of cases, pain and heaviness on the legs noticeably subsided.