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The place of PRP and PRF methods for trophic ulcers treatment in patients with decompensation stages of varicose veins in combination with RFA

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45 patients with varicose disease of the lower extremities at the stage of decompensation (C6 according to the CEAR classification) were under observation. Women - 34, men - 11, age 45 ± 46 years old. The size of the trophic ulcer was from 2.5×1.5 to 8.5×7.5 cm, the duration of it was on average up to 8 months. The complex clinical, morphological, bacteriological examination of the trophic ulcers has been carried out to all patients treated. To objectively evaluate the dynamics of reparative processes in trophic ulcers, the MEASURE system was used, as well as the determination of the regenerative degenerative index to the PRP, PRF was applied. For PRP and PRF, the plasma-enriched growth factors (PRGF®-ENDORET®) were

prepared according to the protocol of the BTI Institute of Biotechnology (Victoria, Spain). F2 fraction was removed and injections for trophic ulcer were done and at the same time the application of plasma enriched with growth factors on the trophic ulcer was delivered. This made it possible to accelerate the appearance of granulation tissue and marginal epithelization in the trophic ulcer and increase the number of cells responsible for reparative processes (macrophages, fibroblasts, polyblasts) significantly. Radiofrequency ablation of the lower limbs of varicose veins and foam sclerotherapy of perforated veins was carried out simultaneously.

Biography

Oleh Pyatnychka is the Head of Surgical Department of the Municipal City Hospital. He is the organizer and coordinator of the one day surgery center and the urban phlebological center and a candidate of Medical Sciences. He is an author and co-author of 5 patents for the invention of Ukraine, the textbook on phlebology, 23 scientific publications. For the first time in the western region of Ukraine he and his team widely introduced the use of the PRP method for the treatment of degenerative joint diseases in the clinic. The doctor regularly participates in the scientific and practical conferences in Ukraine. He is a participant of the ATA conferences (Salt Lake City, Los Angeles, Finex USA). His Second Higher Education is Management and Organization in the Health Care.

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