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166. STANDARDIZED FOAM FOR SCLEROTHERAPY OF VARICOSE VEINS OF LOWER LIMBS: IS IT BETTER?

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Introduction: Nowadays the foam sclerotherapy is becoming the top choice of the majority of vascular surgeons for varicose disease treatment, although a standardized method of producing SF has not been chosen yet.

Aims: To appreciate the difference between the half-life of the sclerosant foam (SF) obtained by using different types of syringes connected by a two-way connector, and the one obtained by using the Kreussler Pharma Easy Foam Kit.

Methods: In CCGS laboratory of USMF, „Nicolae Testemitanu” an experimental study was performed. By using Trombovar 3% and Etoxisclerol 3%, together with room air, different brands and volumes of syringes, siliconized and unsiliconized syringes, a two-way connector and Kreussler Pharma Easy Foam Kit, SF was obtained. The liquid-to-gas ratio was 1:4, with 20 passages.

Results: The SF half-life varied insignificantly when using both Trombovar 3% and Etoxisclerol 3%, as well as using Kreussler Pharma Easy Foam Kit did not increase the SF half-life, compared to the syringes connected by a two-way connector. The volume of the syringes used in the experimental study, had no influence on the SF half-life. However, the unsiliconized syringes seem to potentiate the durability of the SF.

Conclusion: SF formation is greatly influenced by the choice of the types of syringes, also unsiliconized syringes are to be preferred for obtaining of SF.

167. SURGICAL TREATMENT OF AFTER SCARS EXCISION WOUNDS IN CHILDREN

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Introduction: The ability of the primary wound healing, and hence the probability of formation of scar with favorable characteristics depends on how modern principles of surgery are implemented.

Materials and methods: During last 3 years (2013-2015), in PMSI "Emilian Cotaga" Clinic, in the Department of burns, plastic and reconstructive surgery, 162 surgeries of scar excision and plasty with local tissues were performed.