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Recurrent skin telangiectasia

Statement of the Problem: Primary and secondary skin telangiectasia (ST) are mainly a cosmetic problem, they can be extended to the whole body but the majority of them develop in the lower limbs. They are one of the most difficult challenges in vascular and cosmetic Medicine owing to a high number of early and late recurrences post-treatment and progressive trends. The aim of the study was to identify and treat the main anatomical and functional causes.

Methodology & Theoretical Orientation: Patients were systematically subjected to duplex venous ultrasound examination. Chronic venous insufficiency and reticular varicose veins were investigated. In 467/529 cases (88.2%) recurrent telangiectasia of various anatomical types were found. The main causes as chronic venous insufficiency and/or reticular varicose veins were preventively treated. The majority of ST was treated by liquid sclerotherapy and a small number of red ST was treated by 808 nm diode surface or endovascular laser. The treatment was guided both by transillumination and polarized light. Immediate elastic compression with refrigerant padding was applied. Only 271 (51.29%) patients were controlled from 1 to 10 years (mean follow-up 6 years, 8 months) and retrospectively study was done from 2002 to 2012.

Conclusion & Significance: ST was combined with truncular varicose veins in 22 cases (4.1%). Persistence of reticular varicose veins in the 92.2% of the cases, atypical perforators in the 13.6%, was the main anatomical causes of recurrence. Inadequate or incomplete treatment limited to peripheral ST was observed in the majority. Stable results in 23/271 cases (8.4%), a progressive trend and essential recurrences in 45/271 (16.9%), and worsening in 4/271 cases (1.4%) were observed. Improvement of the clinical and cosmetic outcome can be obtained by etiological treatment with the use of new technology of light sources and refrigerant elastic compression.

Biography

Corcos L has done his Degree in Medicine in the year 1970. He is specialized in General, Emergency and Vascular Surgery from 1976 to 1993. He was an Adjunct Professor from 1990 to 2010. He is the Founding Member from 1986 and Vice President of the Italian Society of Phlebology. He has done many Scientific Researches in the field of Phlebology since 1977 with 385 scientific publications mainly on Phlebology, Vascular Surgery and Diagnostics, of which 184 published in scientific journals, text books and congress proceedings, and 201 abstracts.

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