

RETROSPECTIVE EVALUATION OF PRESENCE OF MAJOR AND MINOR CRITERIA FOR SAPHENOUS PRESERVATION IN PATIENTS WITH VARICOSE VEINS

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Introduction

Selecting patients eligible for surgery with saphenous preservation (ASVAL) is sometimes difficult due to the lack of clear indications.

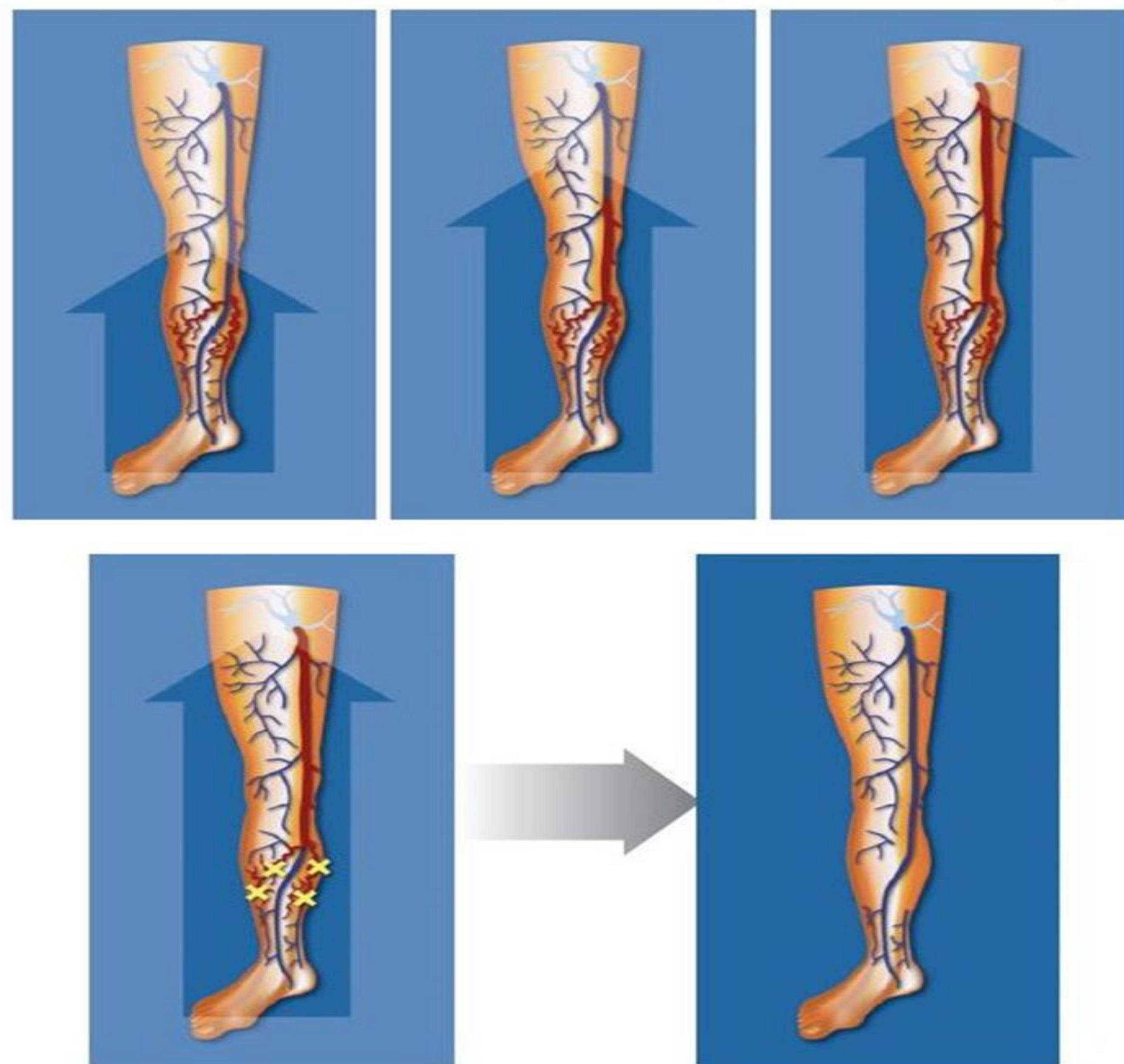


Image 1. Concept of ASVAL, proposed by P. Pittaluga (2009)

Aim of study was retrospective evaluation of the presence of major and minor criteria in a group of patients with varicose veins supposed to intervention with preservation of great saphenous vein.

Material and methods

In the retrospective analysis were included 110 patients (134 extremities), supposed to clinical examination, ultrasound imaging and saphenous sparing surgery during the 2008-2019 period.

Results

The average age - 44.4 (IQR 31.75 - 56.25) years, with the prevalence of women - 79 (71.8%). According to the selection criteria, proposed by P. Pittaluga (2017), the association of at least one major and one minor criterion, already presents an indication.

Hemodynamic/anatomical criteria	Major criterion	Minor criterion
Competence of the junction	42 (31.34%)	
Reflux limited at the thigh/Segmental reflux on the Saphenous vein		66 (49, 25%)
RET + (Reflux elimination test)	11 (8.21%)	
Young age	21 (19.09%)	
Nulliparity	11 (10%)	
Unique/large/limited number varicose tributary		115 (85.82%)
Absence of trophic changes	129 (96.26%)	
Absence of symptoms		28 (20.89%)
Cosmetics as first patient concern		4 (3.63%)

Image 2. Criteria for the selection of patients eligible for an ASVAL.

In most cases (89.14%), the condition of associating a major and a minor criterion was find.

Conclusions

The criteria for establishing the surgical indications, proposed by the authors of the saphenous sparing strategies in patients with varicose veins, was respect in most cases. It is necessary to evaluate their prognostic role based on an analysis of long-term postoperative outcomes.

Keywords. varicose veins, saphenous preservation, major and minor criteria.