Treatment by ASVAL / Saphenous sparing technique

New strategy for the treatment

Calling into question the systematic saphenous ablation

Saphenous preservation

New strategy for the treatment

ASVAL method

ASVAL method

Varicose veins are at the origin of the hemodynamic trouble
New strategy for the treatment
ASVAL method

After treatment of the varicose reservoir:
✓ Abolition/reduction saphenous reflux
✓ Reduction of the saphenous diameter
✓ Improvement of symptoms and quality of life for almost all patients +++

Criteria to preserve the saphenous vein

One step further

Is the elimination of the saphenous reflux the main outcome to evaluate a treatment for VVs?
New strategy for the treatment
Saphenous reflux: the main outcome?

Reinforcement of the SV wall by venoactive drug after ASVAL

Reinforcement of the SV wall by venoactive drug after ASVAL

Effects of ASVAL:

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New strategy for the treatment

Effects of ASVAL:
Reduction of the saphenous reflux +
Reduction of the saphenous diameter

= Reduction of the reflux volume

Explaining the improvement of symptoms/QoL even if
the saphenous reflux persists

Treatment of varicose tributaries (reservoir)
should be at the center of the treatment ++

Beyond this new strategy of treatment how might
be the future for the treatment of SVI?

① Optimize the treatment of the reservoir

Endovenous treatment of the reservoir
① Optimize the treatment of the reservoir
A directional carrier that will optimize endovenous progression enabling to deliver an energy all along the tortuous varicose tributaries for an in-vein tributaries ablation

② Reinforcement of the vein wall by venoactive drugs
There is an increasing number of evidences that venoactive drugs are efficient, especially MPFF:
- Target the inflammatory cascade of CVI
- Improve the venous tone


Endovenous ablation of the varicose reservoir + Remodeling of the SV by venoactive drugs
Changing the strategy from a destructive strategy to a reconstructive approach more in accordance with the vascular surgery philosophy!

Thank you for your attention