

# An Italian experience with mechanochemical ablation of the saphenous vein since 2012<sup>1</sup>

Using ClariVein<sup>®</sup> OC for the infusion of physician-specified agents in incompetent veins with superficial venous reflux.

**TECHNICAL SUCCESS = 99.5%, FREEDOM FROM RECANALIZATION = 92.4%**

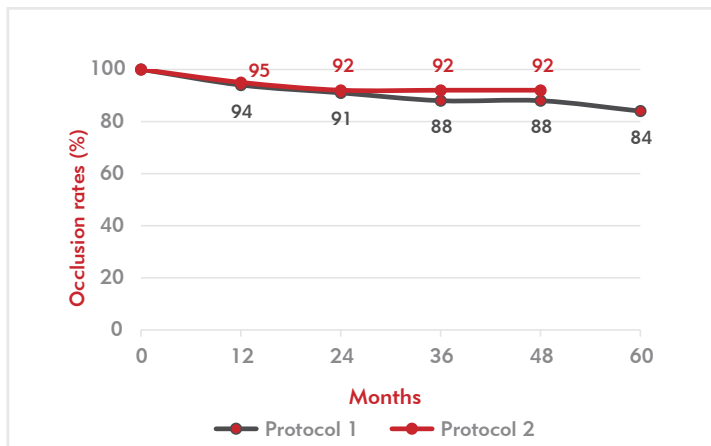


Fig 1: Difference in occlusion rates between the two different protocols (see below for details).

- **Two techniques:** Beginning the infusion of the PSA\* at point of mechanical pullback (protocol 2) produced higher occlusion rates compared to traditional ClariVein<sup>®</sup> OC technique (protocol 1) with delayed PSA infusion.
- **High occlusion rates:** High occlusion rates recorded for both techniques throughout the study:
  - Protocol 1 = 94%-84%
  - Protocol 2 = 95%-92%
- **Retrograde & Diameter:** The study showed a high efficiency of ClariVein<sup>®</sup> OC at treating high diameter (23mm) & long vein segments using a retrograde, below-knee approach.

- Single centre, retrospective study of 329 patients who underwent treatment of saphenous venous reflux using the ClariVein<sup>®</sup> OC infusion catheter.
- This study reports treatment using ClariVein<sup>®</sup> OC maintains effective success rates at 5 year follow up, high **technical success rate (99.5%)** and **freedom from recanalization rates 92.4%** at 5 years.



Fig 2: Double access at knee-level to achieve antegrade & retrograde treatment of long GSV segment (>65cm).

\*Physician specified agent (PSA)

<sup>1</sup> Mirandola, M., Griso, A., Migliara, B, Cappellari, TF, Giovannini, F., Lino, M. An Italian experience with mechanochemical ablation of the saphenous vein since 2012. J Vasc Surg: V&LD 2020; 1-7. DOI: <https://doi.org/10.1016/j.jvsv.2020.01.006>

**Indications For Use: The ClariVein<sup>®</sup> OC is indicated for infusion of physician-specified agents in the peripheral vasculature including for endovascular occlusion of incompetent veins in patients with superficial venous reflux.**

Before using refer to Instructions for Use for indications, contraindications, warnings, precautions, and directions for use.