

Disclosure

Chief Scientific and Clinical Advisor, VitasupportMD









UTIENT OF VENOA	– A Systematic Review
Monika L. Gloviczki, MD, PhD, DFA R	VF*, Julianne Stoughton, MD, FACS, DFAVF, ABVLM**, Alessandra Puggioni, MD, DFAVF, PVI, RPhS***, Joseph D. Raffetto, MD, FACS, DFAVF****
Methods	<ul> <li>A systematic review</li> <li>Literature search for VACs, DVT and PTS</li> <li>Only 12 RCTs of 94 papers on VACs included</li> </ul>



## UTILITY OF VENOACTIVE COMPOUNDS IN POST-THROMBOTIC SYNDROME — A Systematic Review Monika L. Gloviczki, MD, PhD, DFAVF\*, Julianne Stoughton, MD, FACS, DFAVF, ABVLM\*\*, Alessandra Puggioni, MD, DFAVF RPVI, RPA:\*\*\*, Joseph D, Raffetda, MD, FACS, DFAVF\*\*\*\*

**PTS treatment** 

• Nine RCTs (1091 patients, 36.5% with PTS) found that Venoactive Compounds (VACs) significantly improved venous symptoms, edema and venous ulcers healing.

• Most studies on VACs for the treatment of PTS, however, are outdated and lack precision.



## A Meta-analysis of Adjunctive Therapy with Micronized Purified Flavonoid Fraction (MPFF) in Venous Ulcers

- 41% of PTS patients
- Healing rates at 6 months: 61.3% in the MPFF group versus 47.7% in the control group.
- Reduced the median time to healing (16.1 weeks for MPFF vs 21.3 weeks)
- The relative hazard of healing for MPFF group 38% (Cl, 11-70) better than control







## Conclusions

- Venoactive Compounds (VACs) significantly improved venous symptoms, edema and venous ulcers healing in cohorts of patients including PTS.
- ${\boldsymbol{\cdot}}$  More rigorous and larger RCTs are needed to confirm these effects

