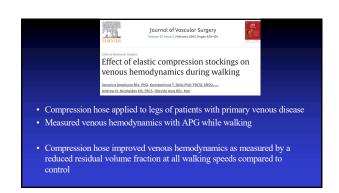
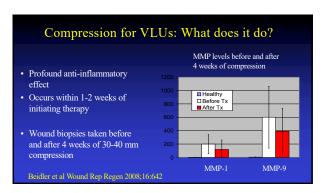
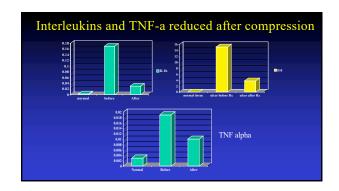


## What is purpose of compression hose for CVI? • Supports calf muscle pump • Can reverse venous hypertension, facilitate return and improve lymphatic drainage • Effects reduce venous symptoms of aching, heaviness and edema worsening 1. Morykir GD. Capital JA. Arcelus JR. et al. Evaluation of therapeutic compression stockings in the treatment of CVI. Dermanol Surg. 1999;25:116-28 2. Motitan C. Variability of pressure provided by sustained compression. In Wound J 2008;5:259-65

Relationship Bet Venous Pressure		
of Stasis	Ulceration	
Ambulatory Venous	Incidence	
Pressure (mm Hg)	of Ulcers	(%)
< 45	0	
45 to 49		
50 to 59	15	
60 to 69	50	
70 to 79	75	J Vasc Surg
≥ 80	80	1993;17:414-9













Severity and site of venous disease matters

• Superficial venous reflux

- Easily treated, significant benefit

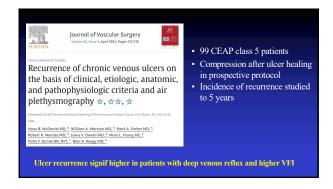
• Deep venous reflux

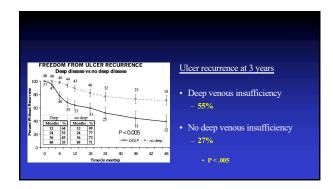
- Rarely correctible, usually responds to compression

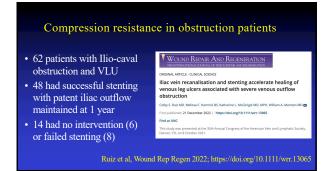
• Deep venous obstruction

- More difficult to treat but major benefit to patient

Where are the sources of venous HTN that are causing the problem?









## Conclusions: Compression for C5-6 Compression methods provide baseline treatment modality Will achieve eventual healing in most patients Assess progress at 4-6 weeks

- For slow responders consider potential reasons
- Inadequate compression, poor compliance, poor understanding
- Consider alternate method
- Is venous insufficiency too severe for compression to correct?
- Intervention to decrease venous pressure to improve compression control