

# No disclosures







# Background EVTA of the lower extremity veins has become the primary modality treatment for symptomatic venous reflux disease Recanalization and EHIT had been reported as primary complications Currently, there is no clear consensus as to when and how often follow-up duplex scans should be performed Our aims were to try to determine the best time and frequency of duplex scan to best diagnose EHIT and recanalization as well as high risk patient groups



- March 2012 to September 2018
- Tumescent +/- sedation, GSV thigh, leg, SSV, Acc S
- 3,218 patients
- 66.2% females
- Mean age = 61.9 years old (15 103 years)
- Mean CEAP = 3.84
- RFA <65 yo + ≥ 6mm vein, EVLT ≥65 yo
  - > 6090 RFA + 3910 EVLA



### 

### Methods

- SFJ was evaluated for EHIT (classified for Tx)
- Successful obliteration was defined as lack of color flow on postoperative scan (3-7 d)
- Recanalization was defined as presence of reflux on duplex ultrasound in the target vessel at follow-up
- Follow-ups were conducted every 3 months in the first year and every 6 months thereafter



### RFA and EVLT 10000 Cases

- eHIT 186 (1.9%)
  - <80yo 1.7%</p>
    >80yo 2.8% \*
- The incidence of bilateral EHIT was 72.9%
- The data warrant further analysis of other specific risk factors in EHIT patients

\*\*Pressus initial September 2016 Where 64, town 3, Page 829 (September 2016 Where 64, town 3, Page 829)

Its Endovenous Heat-Induced Thrombosis Bilateral?

Band 41 (Sept. 60) And Princers 800 Dead (Sept. 80), Sept. 61 (Sept. 8), Sept. 61 (Sept. 8

\* < 0.001

EHIT Class 1 137

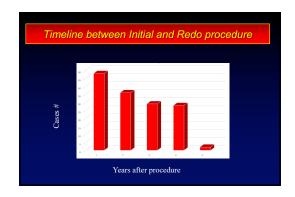
EHIT Class 2

EHIT Class 3

EHIT Class 4



ariables (all 9s for 1-7 refer to	<\$0 years old	80-89 years old	90-99 years ald	>100 years old
number of procedures)				
I. Male	2,956	383	54	5
2. Female	5,774	741	105	11
3. Right Log	4,262	553	16	1
i. Left Leg	4,468	571	73	5
Vein Treated				
s. GSV	5,572	688	114	
s. ssv	2,247	284	32	6
. ASV	535	67	8	1
CEAP Classification (all #s for 8-				
l3 refer to number of limbs)				
L. CEAP-1	17		0	
CEAP-2	106	3	4	
IO. CEAP-J	1809	234	31	1
II. CEAP-4	2547	545	72	2
12. CEAP-5	77	34	- 11	1
D. CEAP-6	609	226	52	2
Total # of voins treated	8,354	1,039	154	16
Mean follow-up	29.1411.8	26.2411.3	24.1a13.9	23.6114.7
Recanalizations (Fof veins)	144	47	16	



### Conclusion Large variability as to when redo procedures were performed Majority of patients had redo saphenous ablations performed within the first year after recanalization Post - procedure duplex checks after first year may only be indicated for recurrent symptoms

