VEITHSTAPOSTUP

SVS Society for Vascular Surgery









Copyright UPM-Kymmene Group











Predictors of Clinical Improvement				
 When adjusting for other significantly associated w 	factor /ith:	rs, clinical improve	ement was	
Greater increase in crease	oss-s	ectional area pos	t-stenting	
Greater post stept dec	roaco	in aspect ratio	atting	
- Greater post-sterit dec	1Case	aspect latio-	Jerung	
rounder	16836	Multivariate Lo	getting ogistic Regression	n Mode
rounder	N	Multivariate Lo Odds Ratio [95%CI]	pgistic Regression	n Mode
Variable Baseline VCSS	N 115	Multivariate Lo Odds Ratio [95%Cl] 1.36 [1.17, 1.57]	P	n Mode
Variable Baseline VCSS Post-stent change in cross-sectional area	N 115 115	Multivariate Lo Odds Ratio [95%Cl] 1.36 [1.17, 1.57] 1.02 [1.00, 1.03]	pgistic Regression P <0.0001 0.0047	n Mode

In Conclusion

Area is important, and so is roundness but... Roundness impacts area

Lumen shape impacts flow and pressure

Roundness (Aspect Ratio) is a good predictor of stent performance and patient outcomes

What degree of roundness matters



