The Zilver Vena Venous Stent Trial: 3-Year Outcomes

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Disclosures

· Consultant for Cook Medical

Zilver Vena Venous Self-Expanding Stent

- Designed to treat obstruction of the iliofemoral vein segment
- Available in over 40 countries, including US, EU, and China

U.S. Indication for Use	Improving luminal diameter in the iliofemoral veins for the treatment of symptomatic iliofemoral venous outflow obstruction	
Stent Diameters*	10, 12, 14 and 16 mm	
Stent Lengths*	40, 60, 100 and 140 mm	

The 40 mm length is available only with 10 mm and 12 mm diameter devices; these sizes are no valiable outside the U.S.



Aim of the Secondary Subgroup Analysis

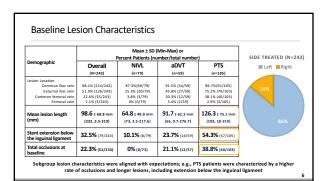
The aim of this secondary subgroup analysis is to report on **3-year patency, clinical improvement, and stent integrity by patient subgroup;** categorized as post-thrombotic (PTS), non-thrombotic (NIVL), or acute DVT (aDVT) at baseline.

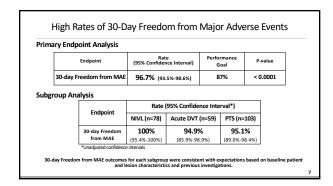


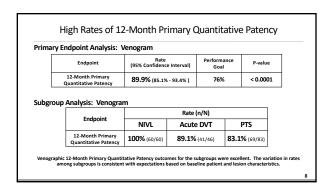
Patient Demographics

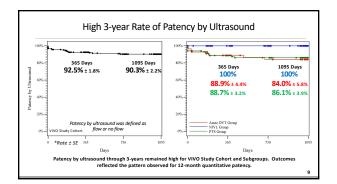
	Mean ± SD (Min-Max) or Percent Patients (number/total number)				
Demographic	Overall (N=243)	NIVL (n=79)	aDVT (n=59)	PTS (n=105)	
Age (years)	53.0 ± 15.3 (18-89)	54.7 ± 14.9 (21 - 89)	52.5 ± 15.2 (20 - 78)	52.0 ± 15.7 (18 - 86)	
Female	70.0% (170)	65.8% (52)	71.2% (42)	72.4% (76)	
вмі	31.3 ± 8.5 (17.5-64.8)	30.2 ± 7.8 (18.7 - 51.4)	32.5 ± 9.7 (17.5 - 56.9)	31.5 ± 8.4 (18.6 - 64.8)	
Current or past DVT	67.5% (164)	0% (0)	100% (59)	100% (105)	
Current or past PE	14.8% (36)	2.5% (2)	6.8% (4)	28.6% (30)	
Bleeding diathesis/coagulopathy	7.0% (17)	0% (0)	1.7% (1)	15.2% (16)	
History of cancer	16.9% (41)	16.5% (13)	16.9% (10)	17.1% (18)	

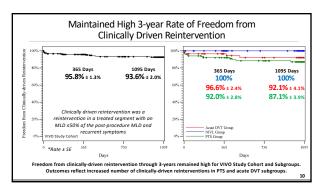
Subgroup patient characteristics were aligned with expectations; e.g., PTS patients were characterized by a higher number of patients with current/past DVT and bleeding diathesis/coagulopathy

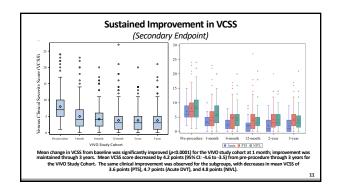


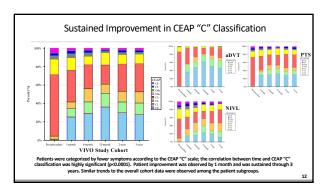




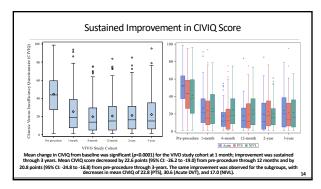












Stent Extension Below the Inguinal Ligament was Not Associated with Fracture

- 243 patients in VIVO cohort received 365 Zilver Vena Stents; 79 patients (32.5%) had stents extend below the inguinal ligament
- Core laboratory review of available imaging identified no fractures through 3 years:

Stent Measure	Parameter	365 Day	730 Day	1095 Days
Core laboratory reported freedom from fracture	Number at risk	308	287	135
	Cumulative events	0	0	0
	Cumulative censored	36	57	209
	Kaplan Meier estimate	100%	100%	100%

Conclusions

- The VIVO Study enrolled a real-world population, including patients with acute and chronic disease onset, and multiple disease states (PTS, NIVL, and acute DVT)
- Results through 3 years continue to support the safety and effectiveness of the Zilver Vena Venous Stent
- High rates of patency by ultrasound and freedom from clinically driven reintervention were demonstrated
- Clinical improvement after stent placement as demonstrated by change in VCSS, VDS, CEAP "C", and CIVIQ scores
- No stent fractures
- Excellent outcomes were demonstrated for the patient subgroups; trends were consistent with baseline patient and lesion characteristics and previous investigations

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Thank You

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