

Pythagoras Trial (US Clinical trial)  
Results of one, three, and five year follow-up.

	Aorfix™ Neck angle $\geq 60^\circ$ (N=151)			Aorfix™ Neck angle $< 60^\circ$ (N=67)		
	1 year	3 year	5year	1year	3year	5year
All-cause mortality	7.9% [12/151]	21.9% [33/151]	32.5% [49/151]	6.0% [4/67]	13.4% [9/67]	26.9% [18/67]
Shrinkage of aneurysm ( $>5\text{mm}$ )	43.0% [49/114]	55.8% [48/86]	60.0% [36/60]	39.2% [20/51]	60.5% [26/43]	64.0% [16/25]
Expansion of aneurysm ( $>5\text{mm}$ )	1.8% [2/114]	7.0% [6/86]	15.0% [9/60]	0.0% [0/51]	7.0% [3/43]	4.0% [1/25]
Type I/III endoleaks	1.9% [2/103]	0.0% [0/76]	0.0% [0/47]	0.0% [0/46]	0.0% [0/38]	0.0% [0/25]
Migration of stent graft exceeding 10mm	1.8% [2/114]	5.8% [5/86]	3.3% [2/60]	0.0% [0/51]	2.4% [1/42]	4.0% [1/25]

Medical institutions took part in: 45

Principal Investigator: Mark Fillinger, MD (Dartmouth-Hitchcock Medical Center)

References : Malas MB; Hicks CW; Jordan WD Jr; Hodgson KJ; Mills JL Sr; Makaroun MS; Belkin M; Fillinger MF. Five-year outcomes of the PYTHAGORAS U.S. clinical trial of the Aorfix endograft for endovascular aneurysm repair in patients with highly angulated aortic necks. Journal of Vascular Surgery. 2017, 65(6), 1598-1607.