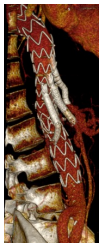


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B/EVAR in Patients With a Narrow Paravisceral Aorta (<2.5 cm) is Best Performed With Inner Branched Endografts:
Technical Tips To Achieve Optimal Results

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Disclosure

Speaker name: MICHELE ANTONELLO

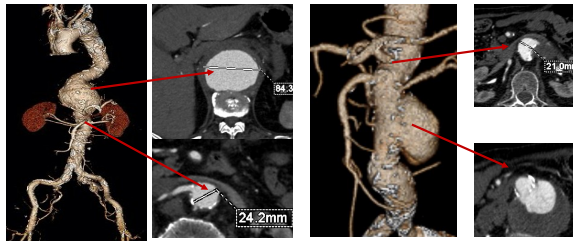
I have the following potential conflicts of interest to report:

- Receipt of grants/research support
- Receipt of honoraria and travel support
- Participation in a company-sponsored speaker bureau
- Employment in industry
- Shareholder in a healthcare company
- Owner of a healthcare company

I do not have any potential conflict of interest

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Narrow Paravisceral Aorta <25mm




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Narrow Paravisceral Aorta <25mm

♂ Z.G. 36 yrs, Marfan Syndrome

- TEVAR
- LSA OCLUSION PLUG
- Back Pain
- BP >190 mmHg



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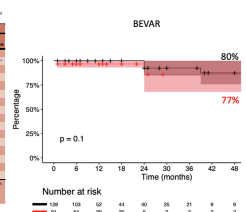
Effect of narrow paravisceral aorta on target vessel instability after fenestrated and branched endovascular aortic repair

Michele Piazza, MD, Francesco Squizzato, MD, Edoardo Forcella, MD, Marco James Bilato, MD, Elda Chiara Colacchio, MD, Franco Grego, MD, and Michele Antonello, MD, PhD, Padova, Italy

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Table 4. Demographic and risk factors of the 142 patients treated by fenestrated/branched endovascular aortic repair (F/BEVAR), classified by presence of a narrow paravisceral aorta (NPA) (diameter < 25 mm)

Characteristic	All patients (n=142)	NPA (n=55)	BEVAR (n=87)	P
Age, years	72.5 ± 10.0	68.6 ± 10.0	73.7 ± 10.0	0.002
Age, 60-69 years	17 (12%)	8 (15%)	9 (10%)	0.204
Male sex	80 (56%)	41 (75%)	39 (45%)	<0.001
Male sex	80 (56%)	41 (75%)	39 (45%)	<0.001
Hypertension	87 (62%)	37 (70%)	50 (58%)	0.007
Diabetes	36 (25%)	17 (31%)	19 (22%)	0.105
Dyslipidemia	48 (34%)	25 (45%)	23 (27%)	0.002
CKD	44 (31%)	18 (33%)	26 (30%)	0.811
COAD	15 (11%)	5 (9%)	10 (12%)	0.462
CAAD	36 (26%)	16 (30%)	20 (23%)	0.201
PAAD	10 (7%)	2 (4%)	8 (9%)	0.103
Prior aneurysm	71 (50%)	4 (8%)	67 (78%)	<0.001
Prior hypertension	36 (26%)	10 (18%)	26 (30%)	0.007
Prior aortic surgery	27 (19%)	10 (18%)	17 (20%)	0.811
SVT convertibility score	6.0 ± 1.8	7.9 ± 1.8	6.1 ± 1.8	0.012



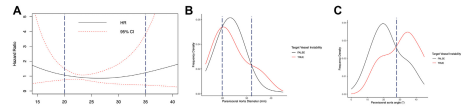
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Characteristics	Univariate HR (95% CI)	P value	Multivariate HR (95% CI)	P value
BEVAR				
NPA <20 mm + NPA angle >30°	—	—	3.21 (1.05-10.70)	0.047
BEVAR				
Outer branch + NPA longitudinal extension >25 mm	—	—	3.02 (1.09-8.53)	0.037
Outer branch + NPA severe calcification	—	—	1.70 (1.00-2.84)	0.047



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TECHNICAL TIPS: ENDOSEPTOTOMY

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TECHNICAL TIPS: ENDOSEPTOTOMY

Erasing narrow paravisceral true lumen with endoseptostomy to favor adequate expansion of branched endograft during postdissection thoracoabdominal aortic aneurysm endovascular repair

Michele Piazza, MD, and Michele Antonello, MD, Padova, Italy

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CONCLUSIONS

✓ INNER BRANCH SEMMES TO PROVIDED BETTER RESULTS IN NPA

- PRELOADED TECHNOLOGY
- PARTIAL DEPLOYMENT
- IVUS
- CBCT (CO2)
- SEPTOTOMY

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