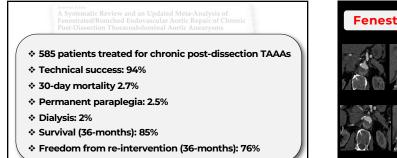
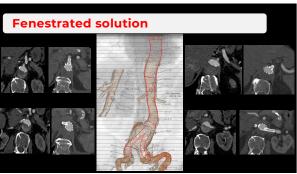


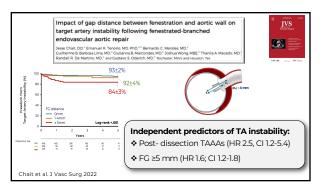
PRODVAST THER STITUTION STATUTORY CLINICAL INVESTIGATION Fenestrated and Branched Stent-Grafts	
Post-Dissection Chronic Aortic Aneurysms Treatment in the Acute Setting Eric L. Varhoven, MD, MD ⁻¹ , Komas I. Parakteva, MD ⁻¹ (Synkato Ozen Yazer, MD ⁻¹ , Wolfgang Riter, MD ⁻¹ , Karin Fielder, MD, PD ⁻¹ , and	Olkonomou, MD':
	Review > J Cardiovasc Surg (Torino). 2013 Feb;54(1 Suppl 1):97-107. Chronic type B dissections: are fenestrated and branched endografts an option?
	nensions It, M Tyrrell, B Maurel, R Azzaoui, S Haulon

	Fenestrated/Branched Endovascular Aortic Repair of Chron								
Post-Diss	ection Thora	coabdor	nina	1 Aortic Anei	irvsms				
					,				
Spyridon N. Myl	onas *0, Tuna Aras an	d Bernhard Do	rweiler	0					
Author	Study Design	Study Period		Stent Graft Design	F-UP (Months)	p-Years			
Abdelhalim, M.A., et al., 2023 [32]	retrospective, multicenter	2008-2021	246	209 CMD Cook, 37 t-Branch	24	492.00			
Patrick, R.J., et al., 2023 [33]	retrospective, single-center	2013-2022	18	all PMSG	12	18.00			
DiBartolomeo, A.D., et al., 2023 [34]	retrospective, single-center	2015-2021	32	all PMSG	11.90	31.73			
Yang, G., et al., 2023 [35]	retrospective, single-center	2017-2020	72	all PMSG	39.20	235.20			
Marques de Marino, P., et al., 2022 [36]	retrospective, single-center	2010-2021	75	42 fenestrated, 5 branched, 28 combined CMD	29	181.25			
Benfor, B., et al., 2022 [37]	retrospective, single-center	2017-2020	30	28 CMD, 2 off-the-shelf	15	37.50			
Wang, X., et al., 2022 [38]	retrospective, single-center	2014-2020	39	all PMS	29.4	95.55			
Gallitto, E., et al., 2022 [39]	retrospective, multicenter	2008-2019	37	33 CMD, 4 off-the-shelf	32	98.67			
Verzini, E, et al., 2020 [40]	retrospective, multicenter	2012-2018	21	18 CMD, 2 T-beanch, IPMSG	23	40.25			
Kitagawa, A., et al., 2013 [41]	retrospective, single-center	2006-2011	15	all CMD	20.4	25.50			









Evolution in endovascular approaches

- ↔ Fenestrated → Outer branches → Inner branches
- Off the shelf
- * Device profile
- * Reducing gap to target vessel ostium
- Trans-femoral approach
- Choice of mating stent



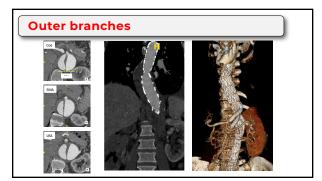


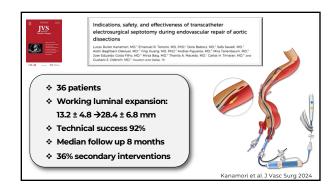
Multicenter trans-Atlantic experience with fenestrated-branched endovascular aortic repair of chronic post-dissection thoracoabdominal aortic aneurysms

- * 246 patients treated for chronic post-dissection TAAAs
- Fenestrations 581 (63%)
- Directional branches 336 (37%)
- * Patient specific 209 (85%), tBranch 37 (15%)

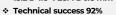
Abdelhalim et al. J Vasc Surg 2023

() Check for updates

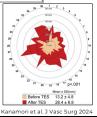


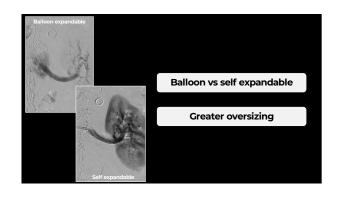


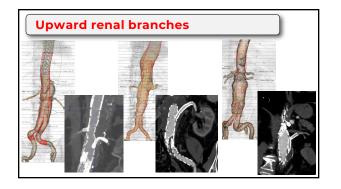


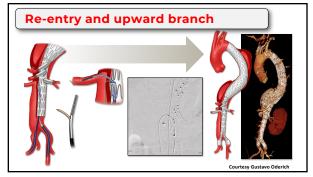


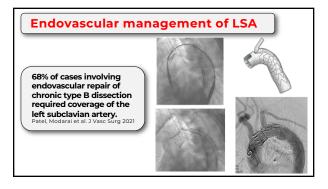
- * Median follow up 8 months
- * 36% secondary interventions











Summary and conslusions

- Endovascular TBAD treatment presents challanges
- These challenges require a range of graft designs
- Re-intervention is common
- Paradigms for index Intervention have evolved
- Fertile ground for novel endovascular solutions

E. Stanley Crawford 1922-1992 "No patient should be considered cured of aortic dissection"