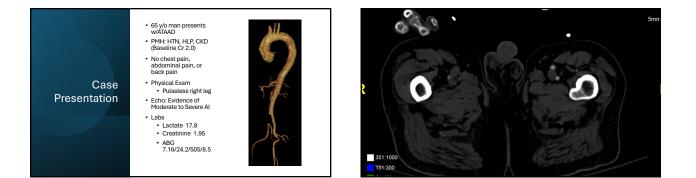


Disclosures

Consultant and Advisory Board Member
 Terumo Aortic

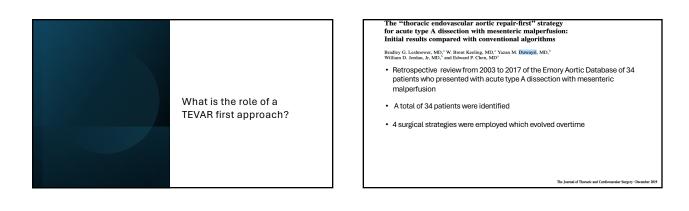


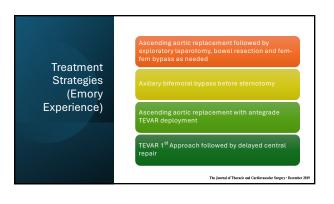
Background

- Operative mortality with Type A Aortic Dissection(TAAD) remains high at 20-25%
- In-hospital mortality is even higher in those with mesenteric malperfusion syndrome at $60\mathchar`-75\%$
- Optimal management strategies of such patients remains unsettled
- Endovascular first approaches with TEVAR followed by central repair are appealing to resolve the malperfusion

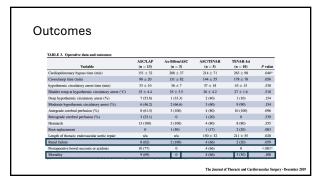
The Journal of Thoracic and Cardiovascular Surgery - December 20

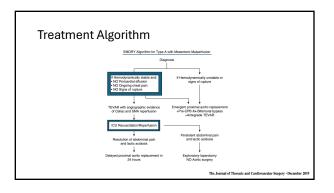






Preoperative Demographics											
IABLE 2. Propersitive demographic characteristics of treatment groups											
						Characteristic	ASC/LAP 2003-2017 (n = 13)	Ax-Bifem/ASC 2009-2013 (n = 3)	ASC/TEVAR 2009-2016 (n = 5)	TEVAR-1st 2012-2017 (n = 13)	P value
						Age (y)	57 ± 14	51 ± 5	57 ± 15	50 ± 12	.520
Male	10 (77)	2 (100)	5 (83)	9 (69)	.865						
Serum lactate (mmol/L)	4.6 ± 2.3	4.8 ± 1.8	3.7 ± 1.0	4.3 ± 2.4	.868						
Prior cardiac surgery	1 (7.6)	1 (50)	0	1 (7.6)	.335						
Renal malperfusion	6 (46.2)	1 (50)	2 (33)	8 (62)	.681						
Ileofemoral malperfusion	2 (15.3)	2 (100)	3 (50)	7 (54)	.05						
Spinal cord malperfusion	1 (7.6)	0	0	1 (7.6)	.999						
Hematochezia	1.(7.6)	0	1 (17)	2 (15.3)	.738						
Cardiac tamponade	2 (15.3)	2 (66.6)	1 (20)	0	.024*						
Shock	0	1 (33.3)	0	3 (23.1)	.155						
Severe aortic insufficiency	0	1 (33.3)	1 (20)	0	.050						









Clinical Case 1

- Type A12 Dissection
 Patient underwent emergent
 ascending aortic repair with
 valve sparing root without
 antegrade TEVAR
- Despite repair, the patient had persistent abdominal pain with and elevated lactate and creatinine

