





(n	n = 1916)		Subgroups					
	(n = 1916)	$\leq 4 \text{ mm neck } (n = 568)$		5-9 mm neck (n = 375)		$\geq 10 \text{ mm neck } (n = 971)$		
		Standard $(n = 443)$	High $(n = 125)$	Standard $(n = 281)$	High $(n = 94)$	Standard $(n = 744)$	High (n = 227	
Overall 55	5 (2.9)	24/443 (5.4)	8/125 (6.4)	4/281 (1.4)	4/94 (4.3)	10/744 (1.3)	5/227 (2.	
OSR (n = 868) 39	9 (4.5)	19/257 (7.4)	6/55 (10.9)	3/160 (1.9)	3/27 (11.1)	7/321 (2.2)	1/48 (2.1	
EVAR $(n = 682)$ 8	(1.2)	1/14 (7.1)	1/12 (8.3)	1/69 (1.4)	1/49 (2.0)	2/373 (0.5)	2/164 (1.	
FEVAR (n = 366) 8	(2.2)	4/172 (2.3)	1/58 (1.7)	0/52 (0.0)	0/18 (0.0)	1/50 (2.0)	2/15 (13.	









Why the worse survival?

 UK-COMPASS is an observational study and subject to clinical bias of reserving Open Repair to fitter healthier patients and giving Endo repairs to the less fit.

Survival is a reflection of fitness and health

Our statistical methods did not fully compensate for this bias

- Whole population every Juxtrarenal and Complex AAA repair in England
- Poorly understood factors

 Aortic stiffness caused by stent-grafts worsen Heart Failure
 Inflammatory response of thrombus

Difficulty comparing with US data

- Selected center/s
- Patient selection
- Definitions:
- Corelab
 Classification based on treatment (not anatomy)



Conclusion

- Said differences are not seen in all groups of patients
- Overall late survival is primarily a function of preoperative health status
- Differences in study methods make it difficult to compare results from UK-COMPASS and USA