

## Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Schermerhorn ML, O'Malley AJ, Jhaveri A, Cotterill P, Pomposelli F, Landon BE. Endovascular vs. open repair of abdominal aortic aneurysms in the Medicare population. *N Engl J Med* 2008;358:464-74.

Appendix. Baseline demographics and comorbid conditions of Medicare beneficiaries undergoing endovascular and open aortic aneurysm repair 2001-2004.

	Unmatched Cohorts								Matched Cohorts							
	2001		2002		2003		2004		2001		2002		2003		2004	
	Endo	Open	Endo	Open	Endo	Open	Endo	Open	Endo	Open	Endo	Open	Endo	Open	Endo	Open
<b>Sample size</b>	5611	9826	6893	8127	7619	7262	9419	6841	5200	5200	5744	5744	5780	5780	6106	6106
<b>Gender (Percent Male)</b>	84.6%	75.6%	83.7%	74.6%	82.6%	74.1%	82.6%	73.5%	83.6%	83.8%	81.5%	81.8%	79.3%	79.4%	77.3%	77.9%
<b>Age</b>																
65-69	11.0%	15.0%	12.2%	15.4%	11.7%	15.8%	12.4%	16.6%	11.8%	11.9%	13.7%	13.7%	14.2%	14.1%	15.4%	15.5%
70-74	27.6%	32.6%	27.2%	32.4%	26.6%	31.6%	26.2%	31.0%	29.1%	28.6%	29.9%	29.7%	29.9%	30.2%	29.7%	30.0%
75-79	36.3%	35.2%	35.8%	35.8%	35.7%	35.4%	35.1%	34.9%	37.2%	37.5%	36.6%	36.9%	35.9%	36.0%	36.1%	35.9%
80-84	15.4%	12.2%	15.7%	11.5%	16.1%	12.6%	15.9%	12.5%	14.7%	15.0%	13.6%	13.7%	14.3%	14.1%	13.0%	13.3%
>=85	9.7%	5.0%	9.0%	4.9%	9.8%	4.6%	10.4%	4.9%	7.2%	7.0%	6.2%	6.0%	5.7%	5.6%	5.9%	5.4%
<b>Race</b>																
White	96.5%	95.9%	95.6%	95.5%	95.6%	95.2%	95.6%	95.5%	96.5%	96.7%	95.8%	95.7%	95.4%	95.6%	95.6%	95.7%
Black	2.0%	2.7%	2.8%	3.0%	2.8%	2.6%	2.8%	2.9%	2.1%	2.0%	2.8%	2.8%	2.8%	2.5%	2.9%	2.7%
Hispanic	0.3%	0.5%	0.6%	0.4%	0.5%	0.7%	0.6%	0.5%	0.4%	0.4%	0.4%	0.5%	0.6%	0.7%	0.4%	0.6%
Other	1.1%	0.9%	1.0%	1.1%	1.1%	1.4%	1.1%	1.1%	1.1%	1.0%	1.0%	1.0%	1.1%	1.2%	1.1%	1.1%
<b>Dually Eligible</b>	1.0%	0.9%	0.8%	0.8%	0.8%	1.1%	0.8%	1.0%	0.9%	0.9%	0.7%	0.8%	0.9%	0.9%	0.9%	0.8%
<b>Urgent Admission</b>	1.7%	6.7%	2.5%	6.7%	2.7%	6.1%	2.8%	6.5%	1.9%	1.8%	2.9%	3.1%	3.3%	2.9%	4.0%	3.8%
<b>Comorbid Conditions</b>																
Prior Myocardial Infarction within 6 months	2.2%	2.0%	1.8%	1.9%	1.9%	1.7%	1.7%	1.6%	2.1%	1.8%	1.9%	2.0%	1.7%	1.8%	1.8%	1.6%
Myocardial Infarction within 6-24 months	10.0%	7.2%	9.4%	7.2%	8.9%	6.9%	8.4%	7.0%	9.2%	8.8%	7.9%	8.1%	7.7%	7.6%	7.3%	7.4%
Valvular Heart Disease	12.4%	9.5%	11.5%	9.2%	12.5%	9.7%	12.4%	10.0%	11.7%	10.9%	10.3%	10.1%	11.1%	10.7%	10.7%	10.2%
Congestive Heart Failure	17.0%	12.4%	16.1%	11.5%	16.3%	11.0%	15.5%	11.2%	15.6%	14.8%	13.4%	13.5%	12.7%	12.7%	11.8%	11.7%
Peripheral Vascular Disease	21.0%	20.4%	20.6%	21.4%	21.5%	21.7%	21.6%	22.7%	20.8%	20.0%	20.4%	20.4%	21.8%	20.9%	22.1%	21.8%
Cerebrovascular Disease	16.1%	16.2%	16.3%	17.0%	15.8%	17.3%	16.0%	16.8%	16.2%	15.9%	16.5%	16.3%	16.5%	16.7%	16.3%	16.4%
Hypertension	63.9%	61.4%	64.4%	64.5%	67.4%	67.1%	70.6%	68.5%	63.6%	63.3%	64.1%	63.5%	67.4%	67.3%	69.2%	68.6%
Diabetes Mellitus	16.5%	14.0%	16.7%	14.3%	18.0%	14.1%	19.3%	15.0%	15.6%	15.8%	15.6%	15.6%	15.6%	15.7%	16.0%	15.8%
Chronic Obstructive Pulmonary Disease	30.7%	28.2%	30.5%	28.6%	30.8%	29.2%	31.1%	29.8%	30.0%	29.8%	29.7%	29.2%	29.9%	29.8%	29.2%	30.0%
Renal Disease	4.4%	3.2%	4.8%	4.2%	5.4%	4.4%	5.3%	4.8%	4.0%	3.8%	4.4%	4.3%	5.0%	4.7%	4.9%	4.7%
End Stage Renal Disease	0.6%	0.2%	0.6%	0.2%	0.6%	0.3%	0.6%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.4%	0.3%	0.4%
Cancer	24.0%	18.4%	23.6%	17.9%	24.2%	18.3%	23.1%	18.0%	22.6%	23.4%	20.6%	20.9%	20.7%	20.5%	19.3%	19.2%
Obesity	2.2%	1.7%	2.3%	1.5%	2.4%	1.6%	2.7%	1.8%	2.0%	2.1%	1.9%	1.9%	2.0%	1.9%	2.0%	1.9%
Prior AAA diagnosis w/o rupture	80.1%	61.0%	76.2%	60.8%	75.7%	62.6%	74.5%	62.8%	78.6%	78.3%	72.2%	71.5%	70.4%	70.3%	67.0%	66.7%