

Supplementary Material S2. Descriptive statistics for the results of round 2 for patients in comparison with vascular specialists.

Section 1

Question 1

a) That the aneurysm has stopped growing after treatment?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.20	9.00	1.48	2.18	5.00	9.00
Vascular specialist	7.83	8.00	1.19	1.42	5.00	9.00

Question 2

b) The aneurysm rupturing after undergoing the repair operation?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	7.50	9.00	2.27	5.17	3.00	9.00
Vascular specialist	8.34	9.00	1.01	1.01	5.00	9.00

Question 3

c) A new aneurysm developing in the aorta above or below the part treated in the repair operation?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	7.50	8.00	1.72	2.94	4.00	9.00
Vascular specialist	6.50	6.00	1.30	1.70	1.00	9.00

Section 2

Question 4

a) Overall quality of life?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.18	9.00	1.25	1.56	6.00	9.00
Vascular specialist	7.87	8.00	0.82	0.68	6.00	9.00

Question 5

b) Recovery to the same mental (also known as cognitive) function? This would include the ability to do thinking tasks such as thinking through a list in one's mind or planning an event.

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.36	9.00	1.21	1.45	5.00	9.00
Vascular specialist	7.66	8.00	0.81	0.66	6.00	9.00

Question 6

c) Return to previous level of physical ability? Examples include being able to climb stairs, walk to the shops, gardening, as well as sports.

	Mean	Median	SD	Var	Min	Max
Patient with AAA	7.91	8.00	1.13	1.29	6.00	9.00
Vascular specialist	7.51	8.00	0.91	0.82	5.00	9.00

Question 7

d) Return to the previous level of social activities and ability to participate in social events; This includes seeing friends and family as regularly as before the operation and feeling like a part of social groups.

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.27	9.00	1.01	1.02	6.00	9.00
Vascular specialist	7.38	7.00	1.29	1.68	1.00	9.00

Question 8

e) Going back to a usual place of residence after undergoing aneurysm repair? For example, when discharged from hospital returning to the same home rather than to a different home or care setting.

	Mean	Median	SD	Var	Min	Max
Patient with AAA	7.73	9.00	1.95	3.82	3.00	9.00
Vascular specialist	7.57	8.00	1.43	2.03	1.00	9.00

Section 3

Question 9

a) Patient satisfaction with their involvement in deciding if, how and when to treat their aneurysm?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.30	9.00	1.06	1.12	6.00	9.00
Vascular specialist	6.98	7.00	1.58	2.50	1.00	9.00

Question 10

b) Patient satisfaction with the overall treatment received?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.50	9.00	0.97	0.94	6.00	9.00
Vascular specialist	7.72	8.00	1.06	1.12	5.00	9.00

Section 4

Question 11

a) Surviving the immediate operation period?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.90	9.00	0.32	0.10	8.00	9.00
Vascular specialist	8.69	9.00	0.62	0.39	7.00	9.00

Question 12

b) Longer term survival (such as 5 - 10 years ahead)?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.90	9.00	0.32	0.10	8.00	9.00

Vascular specialist	7.66	8.00	0.89	0.79	6.00	9.00
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Section 5

Question 13

a) Endoleak after endovascular repair, which is incomplete sealing of the aneurysm wall from blood flow and sometimes results in the need for further surgery? This encompasses all types of endoleak and is measured by visualising the endoleak using imaging techniques such as scan, ultrasound, or dye tests.

	Mean	Median	SD	Var	Min	Max
Patient with AAA	7.60	8.50	2.07	4.27	3.00	9.00
Vascular specialist	7.06	7.00	1.13	1.28	5.00	8.00

Question 14

b) Need for further major procedure after the first repair? This would include undergoing a redo operation if the first operation was not completely successful.

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.20	8.50	1.23	1.51	5.00	9.00
Vascular specialist	7.70	8.00	0.93	0.87	6.00	9.00

Question 15

c) Compliance with (or how well people attend) outpatient scans of the aorta to confirm that the operation was successful?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	7.60	8.50	2.22	4.93	3.00	9.00
Vascular specialist	6.93	7.00	1.31	1.71	3.00	9.00

Section 6**Question 16**

a) Heart attack or other new heart problems (such as irregular heartbeat)?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	7.50	8.00	2.27	5.17	2.00	9.00
Vascular specialist	7.27	7.00	1.12	1.27	5.00	9.00

Question 17

b) Stroke resulting in permanent impairment (also known as disability)?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.00	9.00	1.89	3.56	4.00	9.00
Vascular specialist	7.72	8.00	1.12	1.25	5.00	9.00

Question 18

c) Damage to the kidney? This would include a permanent damage to the kidneys requiring dialysis (in which the role of the kidney is taken over by a machine).

	Mean	Median	SD	Var	Min	Max
Patient with AAA	7.60	8.50	1.90	3.60	4.00	9.00
Vascular specialist	7.67	8.00	0.86	0.74	5.00	9.00

Question 19

d) Infection of the surgical wound?

	Mean	Median	SD	Var	Min	Max
Patient with AAA	6.70	7.00	1.25	1.57	4.00	8.00
Vascular specialist	6.38	6.00	1.36	1.86	3.00	9.00

Section 7

Question 20

a) Major bleeding during or after the operation? This would include any bleeding that requires transfusion of blood or blood products

	Mean	Median	SD	Var	Min	Max
Patient with AAA	7.20	7.50	1.93	3.73	3.00	9.00
Vascular specialist	6.92	7.00	1.41	1.99	1.00	9.00

Question 21

b) Clots developing in the arteries supplying the legs with blood? Poor blood flow to the leg can result in need for an additional surgery, and at worst can result in amputation.

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.00	8.50	1.83	3.33	3.00	9.00
Vascular specialist	7.46	8.00	1.07	1.14	4.00	9.00

Question 22

c) Blood clots developing in the arteries supplying the bowel/guts? Loss of blood flow to the bowel can lead to a further operation involving removal of the bowel and may require creation of a stoma (bowel brought out to the side of the abdomen with passage of faeces into a bag).

	Mean	Median	SD	Var	Min	Max
Patient with AAA	8.00	9.00	2.00	4.00	3.00	9.00
Vascular specialist	7.83	8.00	1.17	1.38	3.00	9.00

Question 23

d) Infection of the new aortic lining or graft? This would be an infection of the endovascular device in the case of endovascular aneurysm repair (EVAR) or infection of the sewn-in graft in the case of open surgical repair. This can require either long-term antibiotics or need for a further major aortic operation.

	Mean	Median	SD	Var	Min	Max
Patient with AAA	7.60	8.00	1.90	3.60	3.00	9.00
Vascular specialist	7.56	8.00	1.30	1.70	3.00	9.00

