Supplementary Table S1. Factor analysis for each item of the AAV-PRO domains at baseline*.

Organ specific symptoms	Factor	Social and emotional impact	Factor
chest problems	0.374	Upset/frustrated as unable to work etc	0.8
problems with ears	0.226	Been anxious, worried, stressed	0.864
problems with eyes	0.788	Difficulty concentrating or being focused	0.842
problems with nose or sinuses	0.409	Felt down or depressed	0.829
problems with mouth or throat	0.387	Felt that I have let other people	0.85
		Felt life is focused on coping with condition	0.885
Systemic symptoms	**Factor**	**Concerns about future**	**Factor**
problems with joints	0.682	worried about what will happen to me in the future	0.855
muscle pain, cramps, etc	0.803	worried about being dependent on other people	0.826
tiredness or fatigue	0.838	difficulty making long-term plans	0.839
feeling uncomfortably hot, etc	0.557	worried about travelling a long distance from home	0.625
		worried about long-term effects of treatment	0.774
Treatment side-effects	**Factor**	**Physical function**	**Factor**
skin problems	0.355	Walking around shops etc	0.911
indigestion, heartburn, nausea, sickness	0.535	Walking up a flight of stairs	0.941
difficulties - getting enough good sleep	0.506	Doing physical activities that you wanted to	0.813
concern about weight	0.306	Washing and drying yourself or getting dressed	0.964
felt embarrassed or self-conscious due to appearance/symptoms	0.88		

*Note all items listed here are abbreviated versions.
AAV: ANCA-associated vasculitis; PRO: patient-reported outcome.

Supplementary Table S2. Floor and ceiling effects of the AAV-PRO (German) items with absolute numbers and percentages.

AAV-PRO Item	n (0 point)	% (0 point)	n (4 points)	% (4 points)
Item 1	26	37,681	6	8,696
Item 2	34	50,000	5	7,353
Item 3	26	37,681	7	10,145
Item 4	23	33,333	8	11,594
Item 5	26	37,681	3	4,348
Item 6	30	43,478	8	11,594
Item 7	28	40,580	4	5,797
Item 8	38	55,072	2	2,899
Item 9	8	11,594	13	18,841
Item 10	33	48,529	2	2,941
Item 11	39	56,522	4	5,797
Item 12	35	50,725	5	7,246
Item 13	36	52,174	1	1,449
Item 14	25	36,765	8	11,765
Item 15	53	76,812	1	1,449
Item 16	29	42,647	2	2,941
Item 17	22	32,353	5	7,353
Item 18	23	33,824	5	7,353
Item 19	13	19,118	3	4,412
Item 20	22	31,884	0	0
Item 21	24	34,783	1	1,449
Item 22	35	50,725	0	0
Item 23	30	43,478	4	5,797
Item 24	30	43,478	4	5,797
Item 25	30	43,478	9	13,043
Item 26	38	55,072	1	1,449
Item 27	43	62,319	1	1,449
Item 28	25	36,232	3	4,348
Item 29	17	24,638	5	7,246

AAV: ANCA-associated vasculitis; PRO: patient-reported outcome; n: number.