

Table S1 Study details and quality findings

Author, year	Cohort size, n	Males, n	Age (years), mean	Study quality (Delphi)	Country	Hospital	Years of patient enrolment	Crawford TAAA type [†] , n			Overall mortality, n	SCI (any), n	Paraplegia, n
								Type I	Type II	Type III			
Bertoglio, 2022	122	95	72.3	Medium	Italy	Italian Multicentre Fenestrated Branched Endografting Study	2008–2019	20	46	47	11	19	4
Coselli, 2022	27	15	58.9	Medium	USA	Baylor	1994–2017	NR	NR	NR	15	0	0
Di Marco, 2018	15	14	58.9	Medium	Italy	Bologna	2011–2016	6	10	1	2	0	0
Etz, 2010	35	20	62	Medium	USA	Mount Sinai	1994–2007	NR	NR	NR	4	0	0
Gallitto, 2022	64	48	–	High	Italy	Bologna	2010–2020	NR	NR	NR	6	7	2
Gombert, 2022	32	20	45	High	Germany/Netherlands	Aachen/Maastricht	2006–2019	0	28	4	6	2	1
Haensig, 2020	10	5	65.7	Medium	Germany	Leipzig	2014–2018	3	4	0	1	0	0
Hawkins, 2017	25	16	53	Medium	USA	Ohio	2005–2015	0	25	0	1	2	0
Hughes, 2012	25	8	67.7	High	USA	Duke	2005–2012	2	12	11	3	0	0
Iannacone, 2022	38	24	65.8	Medium	USA	Weill Cornell Medicine	1997–2020	30	8	0	2	3	1
Kawajiri, 2021	10	8	71	High	USA	Minnesota/Texas	2014–2018	3	7	0	2	1	0
King, 2022	116	68	72	Medium	USA	Vascular Quality Initiative	2014–2019	NR	NR	NR	NR	8	3
LeMaire, 2006	76	35	64.9	High	USA	Baylor	1990–2005	35	25	0	3	2	2
O'Callaghan, 2015	27	12	69.9	Medium	USA	Cleveland Clinic	2008–2013	0	27	0	0	3	0
Orrico, 2019	32	24	69.9	High	Italy	San Camillo Forlanini Hospital	2015–2017	5	6	16	0	2	0
Safi, 2007	115	59	59.75	High	USA	Texas-Houston	1991–2005	47	28	1	11	1	0
Spinella, 2020	11	10	74.5	Medium	Italy	Genoa/Pavia	2017–2019	0	8	3	0	3	0
Thompson, 2022	92	63	58	High	USA	Cleveland Clinic	2006–2021	0	92	0	7	6	6
Tsilimparis, 2020a	10	6	69.8	High	Germany/Sweden/France	Hamburg/Munich/Malmo/Paris	2012–2017	NR	NR	NR	6	1	1
Tsilimparis, 2020b	20	14	64.8	High	Germany/Sweden/France	Hamburg/Munich/Malmo/Paris	2012–2017	NR	NR	NR	6	3	3
Vivacqua, 2016	22	17	56	Medium	USA	Cleveland Clinic	2001–2013	NR	NR	NR	2	1	1

[†], some studies included a small proportion of extent IV/V or non-TAAA patients. TAAA, thoraco-abdominal aortic aneurysm; SCI, spinal cord ischemia; NR, not reported.