

絞りこみ	
All data	5856
初回治療	5355
内挿実施	5250

挿入位置	解離	非解離	計
root-Z2	781	1457	2238
Z3-T12 start, -T12 end	1135	1629	2764
Z3-T12 start, L1- end	103	141	244
other (除外)	0	4	4
計	2019	3231	5250

	a) 解離 Z0-Z2)	解離 Z3- / -T1)	解離 Z3- / l d)	非解離 Z0-Z2)	非解離 Z3- / -T1)	非解離 Z3- / L
<b>N 解析症例数=5246例</b>	<b>781</b>	<b>1135</b>	<b>103</b>	<b>1457</b>	<b>1629</b>	<b>141</b>
<b>患者情報</b>						
<b>Female</b>	179 (22.9)	291 (25.6)	30 (29.1)	285 (19.6)	420 (25.8)	46 (32.6)
<b>Age group</b>						
< 65	310 (39.7)	438 (38.6)	41 (39.8)	101 (6.9)	169 (10.4)	12 (8.5)
65-74	248 (31.8)	373 (32.9)	34 (33)	382 (26.2)	551 (33.8)	37 (26.2)
75-84	178 (22.8)	252 (22.2)	26 (25.2)	768 (52.7)	711 (43.6)	71 (50.4)
85 and above	45 (5.8)	72 (6.3)	2 (1.9)	206 (14.1)	198 (12.2)	21 (14.9)
<b>術前記録</b>						
<b>破裂の有無</b>						
Among 4256 JCVSD patients, N	640	928	98	1207	1275	108
切迫破裂	25 (3.9)	53 (5.7)	6 (6.1)	49 (4.1)	78 (6.1)	5 (4.6)
破裂	54 (8.4)	81 (8.7)	4 (4.1)	95 (7.9)	166 (13.0)	18 (16.7)
非破裂	561 (87.7)	794 (85.6)	88 (89.8)	1063 (88.1)	1031 (80.9)	85 (78.7)
Among 990 血管外科 patients, N	141	207	5	250	354	33
破裂 (消化管瘻)	1 (0.7)	0	0	1 (0.4)	4 (1.1)	0
破裂 (消化管瘻以外)	11 (7.8)	29 (14.0)	0	23 (9.2)	43 (12.2)	5 (15.2)
非破裂	129 (91.5)	178 (86.0)	5 (100)	225 (90.0)	307 (86.7)	28 (84.9)
missing	0	0	0	1 (0.4)	0	0
<b>症状の有無 (among 血管外科patients)</b>						
有症状	49 (34.8)	79 (38.2)	0	64 (25.6)	78 (22.0)	12 (36.4)
無症状	92 (65.3)	128 (61.8)	5 (100)	185 (74.0)	276 (78.0)	21 (63.6)
missing	0	0	0	1 (0.4)	0	0
<b>Stanford分類</b>						
A型 (%)	91 (11.7)	186 (16.4)	21 (20.4)			
B型 (%)	690 (88.3)	949 (83.6)	82 (79.6)			
<b>解離合併症</b>						
径拡大	199 (25.5)	282 (24.8)	25 (24.3)			
切迫破裂	17 (2.2)	36 (3.2)	6 (5.8)			
破裂	52 (6.7)	87 (7.7)	3 (2.9)			
臓器灌流障害	82 (10.5)	111 (9.8)	27 (26.2)			
<b>解離腔の状態</b>						
開存 (double barrel)	507 (64.9)	679 (59.8)	81 (78.6)			
血栓閉塞	107 (13.7)	149 (13.1)	9 (8.7)			
潰瘍形成 (ULP)	167 (21.4)	307 (27.0)	13 (12.6)			
<b>解離病期</b>						
急性 (2W以内)	192 (24.6)	311 (27.4)	33 (32.0)			
亜急性 (2W超え)	154 (19.7)	195 (17.2)	17 (16.5)			
慢性 (2ヶ月超え)	435 (55.7)	629 (55.4)	53 (51.5)			
<b>病因</b>						
変性 (硬化性)	563 (72.1)	812 (71.5)	75 (72.8)	1365 (93.7)	1423 (87.4)	132 (93.6)
炎症性	0 (0.0)	1 (0.1)	0 (0.0)	7 (0.5)	10 (0.6)	1 (0.7)
血管炎	0 (0.0)	2 (0.2)	0 (0.0)	2 (0.1)	2 (0.1)	1 (0.7)
感染性	5 (0.6)	6 (0.5)	0 (0.0)	22 (1.5)	53 (3.3)	6 (4.3)
一次結合組織疾患	20 (2.6)	20 (1.8)	1 (1.0)	2 (0.1)	2 (0.1)	0 (0.0)
その他	193 (24.7)	294 (25.9)	27 (26.2)	59 (4.0)	139 (8.5)	1 (0.7)
<b>併存症</b>						
呼吸障害	142 (18.2)	185 (16.3)	14 (13.6)	412 (28.3)	426 (26.2)	50 (35.5)
高血圧	663 (84.9)	930 (81.9)	93 (90.3)	1213 (83.3)	1271 (78.0)	124 (87.9)
脳梗塞/出血	76 (9.7)	94 (8.3)	10 (9.7)	225 (15.4)	194 (11.9)	16 (11.3)
肝機能障害	19 (2.4)	23 (2.0)	3 (2.9)	23 (1.6)	26 (1.6)	3 (2.1)
慢性透析	16 (2.0)	28 (2.5)	4 (3.9)	41 (2.8)	64 (3.9)	10 (7.1)
冠動脈疾患	48 (6.1)	68 (6.0)	10 (9.7)	243 (16.7)	256 (15.7)	21 (14.9)
胸部大動脈瘤手術既往	48 (6.1)	132 (11.6)	16 (15.5)	62 (4.3)	176 (10.8)	14 (9.9)
腹部大動脈瘤手術既往	33 (4.2)	53 (4.7)	5 (4.9)	110 (7.5)	148 (9.1)	29 (20.6)
開胸手術歴	72 (9.2)	146 (12.9)	20 (19.4)	95 (6.5)	195 (12.0)	12 (8.5)
マルファン	5 (0.6)	18 (1.6)	1 (1.0)	4 (0.3)	4 (0.3)	1 (0.7)
<b>腎機能</b>						
クレアチニン値カテゴリー						
< 1.2	589 (75.4)	879 (77.4)	72 (69.9)	1048 (71.9)	1168 (71.7)	97 (68.8)
< 1.6	109 (14.0)	141 (12.4)	18 (17.5)	235 (16.1)	242 (14.9)	17 (12.1)
< 2.0	23 (2.9)	39 (3.4)	3 (2.9)	61 (4.2)	74 (4.5)	10 (7.1)
2.0以上	48 (6.1)	69 (6.1)	10 (9.7)	93 (6.4)	130 (8.0)	17 (12.1)
missing	12 (1.5)	7 (0.6)	0 (0.0)	20 (1.4)	15 (0.9)	0 (0.0)
eGFR値カテゴリー						
below 15	22 (2.8)	40 (3.5)	6 (5.8)	52 (3.6)	74 (4.5)	9 (6.4)
15 and above	37 (4.7)	55 (4.8)	6 (5.8)	82 (5.6)	109 (6.7)	17 (12.1)
30 and above	108 (13.8)	129 (11.4)	15 (14.6)	273 (18.7)	299 (18.4)	30 (21.3)
45 and above	221 (28.3)	311 (27.4)	25 (24.3)	440 (30.2)	449 (27.6)	40 (28.4)
60 and above	381 (48.8)	590 (52.0)	51 (49.5)	586 (40.2)	680 (41.7)	45 (31.9)
missing	12 (1.5)	10 (0.9)	0 (0.0)	24 (1.6)	18 (1.1)	0 (0.0)
<b>中樞固定部 口径</b>						
<20	4 (0.5)	16 (1.4)	0 (0.0)	3 (0.2)	13 (0.8)	3 (2.1)
<25	43 (5.5)	140 (12.3)	17 (16.5)	38 (2.6)	188 (11.5)	15 (10.6)
<30	196 (25.1)	431 (38.0)	42 (40.8)	259 (17.8)	595 (36.5)	51 (36.2)
<35	355 (45.5)	388 (34.2)	36 (35.0)	604 (41.5)	564 (34.6)	41 (29.1)
<40	130 (16.6)	127 (11.2)	7 (6.8)	434 (29.8)	199 (12.2)	21 (14.9)
40 and above	53 (6.8)	33 (2.9)	1 (1.0)	119 (8.2)	70 (4.3)	10 (7.1)
<b>中樞固定部 長さ</b>						
<20	109 (14.0)	107 (9.4)	2 (1.9)	246 (16.9)	94 (5.8)	2 (1.4)
<30	409 (52.4)	345 (30.4)	31 (30.1)	689 (47.3)	403 (24.7)	25 (17.7)
<40	178 (22.8)	289 (25.5)	28 (27.2)	307 (21.1)	455 (27.9)	42 (29.8)
<50	34 (4.4)	141 (12.4)	10 (9.7)	101 (6.9)	211 (13.0)	20 (14.2)
50 and above	51 (6.5)	253 (22.3)	32 (31.1)	114 (7.8)	466 (28.6)	52 (36.9)
<b>動脈瘤径</b>						
CT最大短径 (MD), median (p5-p95), N=3683	48 (32-65)	46 (30-65)	45 (30-70)	58 (37-75)	55 (30-75)	60 (50-83)
拡張部径 (囊状瘤), median (p5-p95), N=1563	44 (25-65)	41 (18-65)	40 (31-67)	50 (25-70.5)	48 (25-70)	53.5 (24.5-79.5)

<b>術直後</b>						
緊急手術	162 (20.7)	269 (23.7)	29 (28.2)	159 (10.9)	281 (17.2)	29 (20.6)
<b>SGタイプ</b>						
ステントグラフト	542 (69.4)	1106 (97.4)	90 (87.4)	832 (57.1)	1571 (96.4)	105 (74.5)
ハイブリッド	183 (23.4)	19 (1.7)	7 (6.8)	412 (28.3)	47 (2.9)	24 (17.0)
チムニー法	29 (3.7)	5 (0.4)	1 (1.0)	86 (5.9)	6 (0.4)	4 (2.8)
開窓型あるいは側枝型	41 (5.2)	7 (0.6)	2 (1.9)	182 (12.5)	10 (0.6)	15 (10.6)
その他	6 (0.8)	2 (0.2)	3 (2.9)	5 (0.3)	1 (0.1)	0 (0.0)
<b>麻酔</b>						
全身	772 (98.8)	1070 (94.3)	101 (98.1)	1437 (98.6)	1547 (95.0)	135 (95.7)
硬膜外	0 (0.0)	1 (0.1)	0 (0.0)	1 (0.1)	2 (0.1)	0 (0.0)
局所	9 (1.2)	63 (5.6)	2 (1.9)	19 (1.3)	79 (4.8)	6 (4.3)
その他	0 (0.0)	1 (0.1)	0 (0.0)	0 (0.0)	1 (0.1)	0 (0.0)
<b>中枢内挿部性状</b>						
Elephant trunk	20 (2.6)	85 (7.5)	6 (5.8)	8 (0.5)	97 (6.0)	4 (2.8)
Graft	75 (9.6)	136 (12.0)	19 (18.4)	97 (6.7)	173 (10.6)	11 (7.8)
Native	686 (87.8)	914 (80.5)	78 (75.7)	1352 (92.8)	1359 (83.4)	126 (89.4)
<b>術直後エンドリーク</b>						
あり	84 (10.8)	93 (8.2)	14 (13.6)	118 (8.1)	110 (6.8)	26 (18.4)
なし (含む判定不能)	697 (89.2)	1042 (91.8)	89 (86.4)	1339 (91.9)	1519 (93.3)	115 (81.6)
<b>術直後エンドリークタイプ (計445件中)</b>						
I	67 (79.8%)	61 (65.6%)	9 (64.3%)	72 (61%)	44 (40%)	9 (34.6%)
II	14 (16.7%)	23 (24.7%)	1 (7.1%)	34 (28.8%)	26 (23.6%)	7 (26.9%)
III	1 (1.2%)	4 (4.3%)	0 (0%)	1 (0.8%)	6 (5.5%)	4 (15.4%)
IV	9 (10.7%)	9 (9.7%)	4 (28.6%)	15 (12.7%)	42 (38.2%)	8 (30.8%)
<b>術中追加治療あり</b>	174 (22.3)	71 (6.3)	16 (15.5)	286 (19.6)	113 (6.9)	26 (18.4)
<b>閉塞分枝動脈あり</b>	379 (48.5)	47 (4.1)	11 (10.7)	746 (51.2)	57 (3.5)	34 (24.1)
腕頭動脈	10 (1.3)	0 (0.0)	0 (0.0)	55 (3.8)	2 (0.1)	0 (0.0)
左総頸動脈	43 (5.5)	0 (0.0)	1 (1.0)	251 (17.2)	3 (0.2)	0 (0.0)
左鎖骨下動脈	374 (47.9)	36 (3.2)	1 (1.0)	737 (50.6)	31 (1.9)	0 (0.0)
腹腔動脈	1 (0.1)	10 (0.9)	8 (7.8)	2 (0.1)	28 (1.7)	33 (23.4)
上腸間膜動脈	2 (0.3)	2 (0.2)	4 (3.9)	0 (0.0)	4 (0.2)	8 (5.7)
腎動脈	0 (0.0)	1 (0.1)	3 (2.9)	1 (0.1)	3 (0.2)	8 (5.7)
<b>分枝動脈バイパスあり</b>	349 (44.7)	30 (2.6)	9 (8.7)	783 (53.7)	38 (2.3)	25 (17.7)
大動脈-腕頭動脈	12 (1.5)	1 (0.1)	1 (1.0)	70 (4.8)	2 (0.1)	0 (0.0)
大動脈-左総頸動脈	12 (1.5)	1 (0.1)	1 (1.0)	72 (4.9)	2 (0.1)	0 (0.0)
大動脈-左鎖骨下動脈	12 (1.5)	1 (0.1)	1 (1.0)	69 (4.7)	2 (0.1)	0 (0.0)
頰動脈-頰動脈	3 (0.4)	0 (0.0)	0 (0.0)	31 (2.1)	0 (0.0)	0 (0.0)
頰動脈-左鎖骨下動脈	146 (18.7)	7 (0.6)	0 (0.0)	321 (22.0)	8 (0.5)	0 (0.0)
鎖骨下-鎖骨下動脈	212 (27.1)	15 (1.3)	2 (1.9)	530 (36.4)	22 (1.4)	1 (0.7)
腹腔動脈	0 (0.0)	1 (0.1)	4 (3.9)	0 (0.0)	4 (0.2)	11 (7.8)
上腸間膜動脈	1 (0.1)	3 (0.3)	6 (5.8)	0 (0.0)	7 (0.4)	21 (14.9)
腎動脈	1 (0.1)	1 (0.1)	5 (4.9)	1 (0.1)	5 (0.3)	12 (8.5)
その他	25 (3.2)	5 (0.4)	0 (0.0)	101 (6.9)	3 (0.2)	1 (0.7)
<b>血管損傷あり</b>	22 (2.8)	18 (1.6)	1 (1.0)	59 (4.0)	55 (3.4)	5 (3.5)
<b>瘤破裂あり</b>	1 (0.1)	4 (0.4)	0 (0.0)	6 (0.4)	5 (0.3)	0 (0.0)
<b>術中死亡</b>	2 (0.3)	6 (0.5)	1 (1.0)	13 (0.9)	7 (0.4)	0 (0.0)
<b>退院時</b>						
在院死亡	42 (5.4)	38 (3.3)	5 (4.9)	79 (5.4)	67 (4.1)	19 (13.5)
Among 5217 surgery survivors, N	779	1129	102	1444	1622	141
術後在院日数 Median (IQR), N	12 (8-20), 775	10 (7-18), 1126	14 (9-24), 102	13 (9-24), 1426	10 (7-17), 1605	12 (8-22), 140
Among 4617 退院時画像診断実施例						
ステントグラフト移動 (CT実施例)	0	2 (0.2)	0	1 (0.1)	2 (0.1)	0
<b>エンドリーク</b>						
あり	83 (12.2)	102 (10)	17 (18.1)	142 (10.8)	96 (6.9)	18 (15.1)
なし (含む判定不能)	600 (87.9)	918 (90)	77 (81.9)	1170 (89.2)	1293 (93.1)	101 (84.9)
<b>エンドリークタイプ (計458件中)</b>						
I	43 (51.8%)	43 (42.2%)	9 (52.9%)	66 (46.5%)	22 (22.9%)	5 (27.8%)
II	36 (43.4%)	50 (49%)	8 (47.1%)	60 (42.3%)	58 (60.4%)	6 (33.3%)
III	7 (8.4%)	8 (7.8%)	0 (0%)	9 (6.3%)	6 (6.3%)	5 (27.8%)
IV	1 (1.2%)	7 (6.9%)	0 (0%)	9 (6.3%)	12 (12.5%)	2 (11.1%)
<b>合併症 (ステントグラフト関連)</b>						
血栓・塞栓	8 (1.0%)	5 (0.4%)	2 (2.0%)	26 (1.8%)	7 (0.4%)	1 (0.7%)
腎機能障害	40 (5.1%)	43 (3.8%)	3 (2.9%)	73 (5.1%)	72 (4.4%)	13 (9.2%)
血液透析 (新規)	21 (2.7%)	15 (1.3%)	3 (2.9%)	25 (1.7%)	23 (1.4%)	5 (3.6%)
脳神経障害	40 (5.1%)	13 (1.2%)	3 (2.9%)	123 (8.5%)	29 (1.8%)	2 (1.4%)
対麻痺	22 (2.8%)	25 (2.2%)	2 (2.0%)	43 (3.0%)	44 (2.7%)	7 (5.0%)
多臓器障害	20 (2.6%)	13 (1.2%)	2 (2.0%)	28 (1.9%)	27 (1.7%)	7 (5.0%)
瘤破裂	6 (0.8%)	8 (0.7%)	1 (1.0%)	6 (0.4%)	8 (0.5%)	1 (0.7%)
術後追加治療	26 (3.3%)	17 (1.5)	3 (2.9)	48 (3.3)	26 (1.6)	2 (1.4)

