



Demographic data

	OR (215)	FEVAR(275)	p
Age (available data : 225/225)	69.3 (±7.4)	73.3 (±7.7)	<0.001
Diabetes mellitus (available data : 195/243)	24 (12.3%)	47 (19.3%)	0,047
Tobacco usage (available data : 196/242)	108 (55.3%)	109 (45.0%)	0,036
COPD (available data : 182/222)	16 (8.8%)	36 (16.2%)	0,027
Past history of stroke (available data : 159/223)	14 (7.3%)	38 (16.3%)	0,005
Hostile abdomen (available data : 193/232)	1 (0.5%)	12 (5.2%)	0,006
GFR (CKD-EPI) (available data : 176/221)	77.5 (±2.89.5)	71 (±5.85)	0,005
ASA Score (available data : 180/213)			0,004
I	3 (1.7%)	1 (0.4%)	
II	76 (42.2%)	64 (27.5%)	
III	98 (54.4%)	162 (69.5%)	
IV	9 (2.2%)	6 (2.6%)	

Anatomical data

	OR	FEVAR	p
Mean aneurysm diameter (available data : 134/216)	58 [52.5-68.5]	56 [53-62]	0,349
Juxtarenal/ Suprarenal/ Type IV	Under analysis		

Intraoperative data, OR group

Proximal anastomosis (data available for 159 patients)	
Infrarenal	114 (74.0%)
Bevelled anastomosis integrating ≥ 1 renal artery	23 (14.5%)
Suprarenal	10 (6.5%)
supraaortic	7 (4.6%)

Intraoperative data, FEVAR group

FEVAR group	
Type of stentgraft (data available for 205/275 patients)	
Fenestrated Cook	155 (75.6%)
Fenestrated Anaconda	46 (22.4%)
Branched Cook	1 (0.5%)
Fenestrated and branched Cook	3 (1.5%)
Proximal border of the stent graft (data available for 177/275 patients)	
Above the CA:	159 (89.8%)
<5 cm above the CA	120 (67.8%)
5-10cm above the CA	27 (15.2%)
>10 cm above the CA	12 (6.8%)
Below de CA	18 (10.2%)

Preliminary early results

	OR	FEVAR	P
30-day mortality (available data: 202/236)	4.5%	3.4%	?

Preliminary early results

	OR	FEVAR	P
Any complication <small>(available data: 204/234)</small>	33.0%	30.5%	?
Major complication* <small>(available data: 204/228)</small>	7.4%	7.5%	?

*: death, MI, prolonged mechanical ventilation, dialysis, bowel ischemia necessitating resection, stroke, paraplegia)

	OR	FEVAR	P
Any early reintervention** <small>(available data: 199/228)</small>	9.6%	6.6%	?
Major reintervention**: <small>(available data: 204/228)</small>	3.0%	3.1%	?

**SVS criteria

Preliminary early results

	OR	FEVAR	P
Primary technical success <small>(available data: 202/231)</small>	91.6%	91.8%	?
Primary clinical success <small>(available data: 201/231)</small>	89.5%	91.3%	?

	OR	FEVAR	P
Length of hospital stay <small>(available data: 167/177)</small>	8 (7-12)	4 (3-6)	?
Length of intensive care unit stay <small>(available data: 152/146)</small>	4 (2-6)	1 (1-2)	?

Conclusion

- prospective comparative multicenter cohort, with a propensity score to minimize bias
- Primary outcome: cost-effectiveness ratio
- 490 patients, 215 OR, 275 FEVARs
- Final short term and mid term results are still awaited

