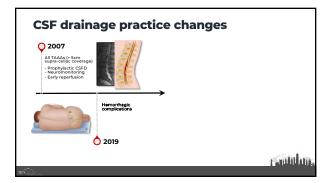
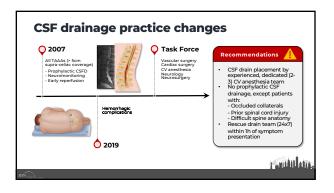


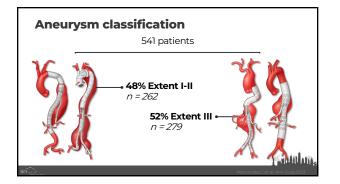
Author (Senior)	Journal, Year	n	Major complication	Intra-cranial Hemorrhage	Spine Hematoma	Non- Functional
Karkkainen et al. Oderich)	JVS 2019	240	10%	2%	3%	
Alcaim et al. Schanzer)	JVS 2019	100	16%	3%	0%	16%
Kitpanit et al. Schneider)	JVS 2020	78	8%	3.9%	2.6%	-
lonsson et al. (Uppsala)	JVS 2023	147	12%	4.1%	3.4%	1 7 %
Leone et al. Meta-analysis)	JVS 2024	1,079	10.5%	2.8%	1.4%	11.4%





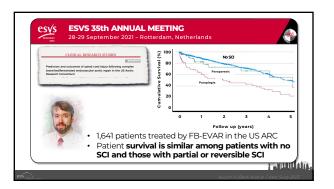
		All patients n = 682	IDE Mayo n = 475	UTHealth n = 207	P Value
•	TAAA	477 (70)	318 (67)	173 (84)	<.001
	Extent I to III	402 (59)	261 (55)	142 (69)	<.001
	Prophylactic CSFD	97 (37)	69 (47)	28 (7)	<.001
	30-day mortality	7 (1)	5 (1.1)	2 (1)	.80
024	Any SCI	39 (5.7)	27 (5.7)	12 (5.8)	.84
	Permanent paraplegia	7 (1)	4 (0.8)	3 (1.4)	.26

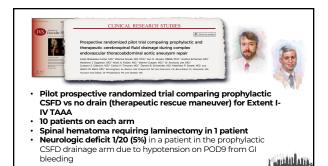




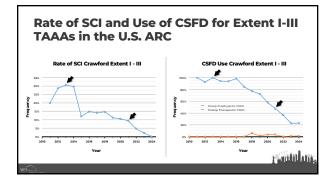
	Overali n = 541	Extent I-II n = 262	Extent III n = 279	P value
fortality	15 (3)	5 (2)	10 (4)	0.2
ny major adverse event	70 (13)	42 (16)	28 (10)	0.04
Acute kidney injury	31 (6)	18 (7)	13 (5)	0.3
Any Spinal Cord Injury	45 (8)	30 (12)	15 (5)	0.011
Paraplegia	22 (4)	15 (6)	7 (3)	0.06
Respiratory failure	14 (3)	7 (3)	7 (3)	0.9
Myocardial infarction	10 (1.8)	4 (1.5)	6 (2)	0.8
Major stroke	9 (1.7)	7 (3)	2 (0.7)	0.1
Bowel ischemia w/ resection	2 (0.4)	0 (0)	2 (0.7)	0.5

	Overall n = 541	Extent I-II n = 262	Extent III n = 279	P valu
Rescue treatment	45 (8)	30 (12)	15 (5)	1
Permissive hypertension	45 (8)	30 (12)	15 (5)	1
Therapeutic CSFD	22 (4)	12 (5)	10 (4)	0.6
Symptom improvement	33 (73)	23 (77)	10 (67)	0.5
Permanent SCI	14 (3)	8 (3)	6 (2)	0.5
Paraparesis	2 (0.4)	0(0)	2 (0.7)	0.5
Paraplegia	12 (2)	8 (3)	4 (1.4)	0.3
Any drain complication	7 (1.3)	4 (1.5)	3 (1.1)	0.7
Major drain complication	2 (0.4)	2 (0.8)	0 (0)	0.2









Rationale for avoiding prophylactic drains

- ~90% of TAAA patients don't develop SCI without prophylactic drains – these patients are subjected to unnecessary risks of spinal drainage
- 2. If a prophylactic drain is used still ~10% of patients develop SCI
- 3. Not all drains work; in fact 16% don't!
- 4. ~70% of patients who develop SCI recover with rescue maneuvers including placement of a therapeutic drain

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