



### Epidemiological and technical data of BEVAR/FEVAR

	WUM (Warsaw)	Month F, JVS 2019	Schanzer A., JVS 2020
Kind of aneurysm	100	20%	80%
Aneurysm etiology	de novo (perforated)	100%	100%
	Thoracic aortic dissection	0%	0%
	Post-EVAR	0%	0%
Type of aneurysm - general	atherosclerotic	0%	0%
	dissecting	0%	0%
	mycotic	0%	0%
External support - when using	100%	100%	100%
Technical aspects	100%	100%	100%
Paraplegia	0%	0%	0%
Stroke	0%	0%	0%
Spinal epidural hematoma	0%	0%	0%
Death during hospitalization	0%	0%	0%
Exposure time (days)	83	83	83
Intensive care unit	100%	100%	100%
Reoperation during hospital	0%	0%	0%

One stage -40%  
Two stages -58%  
Three stages -4%

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Lack of cerebrospinal fluid drainage

### The Bumpy Learning Curve

Sascha Krasner, Blog, Business 22/05/2018

### Cutting the umbilical cord

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WUM (Warsaw) First 24%

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Prolonged external support can lead to the incapacitation of the team, lack of independent thinking, and... shifting the responsibility to the proctor.

### BEVAR/FEVAR- early outcomes

	WUM (Warsaw)	Month F, JVS 2019	Schanzer A., JVS 2020
Reoperation during hospitalization	10%	N/A	2.5%
Periop. complication-general	0%	8%	10%
Periop. complication-technical	10%	3%	N/A
Paraplegia	2%	2.7%	1%
Stroke	0%	0.7%	1.2%
Death during hospitalization	4%	2.7%	2.5%

Spinal epidural hematoma

Brachial access

Death during hospitalization

Schanzer A, Beck AW, Eagleton M, Farber MA, Oberich G, Schneider D, Sweet MP, Crawford A, Timaran C. U.S. Multicenter Fenestrated/Branched Aortic Research Consortium. Results of fenestrated and branched endovascular aortic aneurysm repair after failed infrarenal endovascular aortic aneurysm repair. J Vasc Surg. 2009 Sep;72(3):849-858

Motta F, Crowner JR, Kolbaugh CA, Morston WA, Pasquarelli L, McEingle KL, Kibbe MR, Farber MA. Outcomes and complications after fenestrated branched endovascular aortic repair. Vasc Surg. 2019 Jul;70(1):55-62

BEVAR/FEVAR- intraoperative complications

BEVAR/FEVAR- late complications

DIY

In conclusions:

Before you start, it is necessary to:

- Have experience in thousands of peripheral procedures and hundreds of EVARs
- Build a versatile team
- Choose external medical support

In conclusions:

In later stages:

- Plan to "cut the umbilical cord" !
- Ensure you have a "Phone-a-Friend" option !!
- Never give up on company support !!!
- If you're wondering if a case is too difficult, be 100% sure it is !!!!

Thank you for your attention

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