NEW OFF-THE SHELF FEVAR (BEVAR) TECHNIQUE

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Disclosure

All authors:

Do not have any potential conflict of interest
Aim

- Background: The cases that set off this project
- Results: Better than anticipated therefore we believe worth sharing
- The technique: How you can do this
Background

From July 2013 to May 2018

- 34 patients with Thoracoabdominal aortic aneurysm
- 17 patients male
- Age 34 to 82
- Inner branches technique with Viabahn (Gore) Stentgraft with fenestrated Valiant thoracic stentgraft (Medtronic)
- 102 visceral branches revascularization
- Follow up 4 to 33 months (Average 14 months)
- CT scan 1 month post surgery and then every 6 months
- Dual antiplatelet therapy
OUR RESULTS

• 103 visceral branches revascularized.
• Success deployment 98%.
• Long-term patency 98% (01 asymptomatic celiac trunk occlusion.
• No migration, fracture, disconnection.
• No Paraplegia.
• No Conversion.
• 1 patient type IB endoleak.
• 1 patient type II endoleak.
• 30 day mortality 20%.
• No late death related.
Fenestration and cutting Viabahn pieces of 3 cm in length
Suturing the distal portion of Viabahn in the fenestra
Fixing the proximal portion at the wall
Puncture delivery system and pre catheterized the inner branches
Placing inside the delivery system
TECHNIQUE

Celiac Trunk
TECHNIQUE

SMA
Final Angiography
RESULTS
RESULTS

Ruptured Thoracoabdominal Aneurysm
RESULTS

Ruptured Thoracoabdominal Aneurysm

From Below
TECHNIQUE
OFF-THE-SHELF DEVICE PATENT
OFF-THE-SHELF DEVICE
PATENT
RINGS
OFF-THE-SHELF DEVICE
PATENT

COIL
OFF-THE-SHELF DEVICE PATENT
OFF-THE-SHELF DEVICE PATENT
OFF-THE-SHELF DEVICE PATENT
OFF-THE-SHELF DEVICE PATENT
PATENT 1

Fig 1a

Fig 1b

Fig 1c

(Continua na página seguinte)
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