AN EXPANSION OF EVAR BY EVAS: A POSSIBILITY IN EMERGENCIES

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☒ I do not have any potential conflict of interest.
DEPARTMENT OF VASCULAR SURGERY

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N: 100/Y

44% endovascular
56% open repair

ENDOPROTHESIS

85% Endurant™
15% Nellix®
NELLIX® N=40 (2013-2018)

- Narrow Bifurcation (15-22 mm)
- Large lumbar arteries
- Short neck (outside IFU)
- Aortoiliacal Aneurysms
- Expansion of EVAR (outside IFU)
CASE REPORT

• 70-year-old male

• Pain in left lower abdomen (4 weeks)

• Clinical examination: Hemodynamically stable, constant pain, ultrasound painfull
Past Medical History:

- Art. hypertension, thombophilia (phenprocumon) hypercholesterolemia, smoking

- In his initial blood sample: CRP 9.2 (<0.5), HB 13.8 mg/dl, INR=3.75
CASE REPORT

Past Medical History:

- Art. hypertension, thombophilia (phenprocumon) hypercholesterolemia, smoking
- In his initial blood sample: CRP 9.2 (<0.5), HB 13.8 mg/dl, INR=3.75
- AAA (5.8 cm)
Endurant™II (32-20-166, 16-20-82, 16-16-82)
URGENT CT-SCAN
URGENT TREATMENT: NELLIX® -IN- ENDURANT™

We chose to expand the Endurant™ with a Nellix® Stentgraft (150 mm)
URGENT TREATMENT:
NELLIX® -IN- ENDURANT™
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• 17ml of Polymer
URGENT TREATMENT: NELLIX® -IN- ENDURANT™
URGENT TREATMENT:

NELLIX® -IN- ENDURANT™

• Complete exclusion of the aneurysm
• No endoleak
URGENT TREATMENT: NELLIX® -IN- ENDURANT™

- Duration: 75min
- Fluoroscopy time: 6,22 min
- DAP: 1295, 75 cGcm²
- Contrast agent: 40ml
URGENT TREATMENT: NELLIX® -IN- ENDURANT™

- (hemodynamically instable) ICU 24 hours
  - No complications
  - Discharged 9th day
- Long-term outcome?
SURPRISE

- 2/2018
- Abdominal pain
- 8 cm (5.8cm)
- foam formation

suspected infectious abdominal aneurysm!
SURPRISE

7/2018  10/2018  12/2018
INTRAVASCULAR LARGE B-CELL LYMPHOMA

CONCLUSION

Expansion of EVAR by EVAS is a feasible possibility in case of ruptured external iliac artery aneurysm.


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*Update: 4th January 2019

PRODUCT RECALL
NELLIX® by Endologix!
THANK YOU FOR YOUR ATTENTION!
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