

AN EXPANSION OF EVAR BY EVAS: A POSSIBILITY IN EMERGENCIES

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DISCLOSURE

Dr. med. M. Terzibaschian

I do not have any potential conflict of interest.

DEPARTMENT OF VASCULAR SURGERY

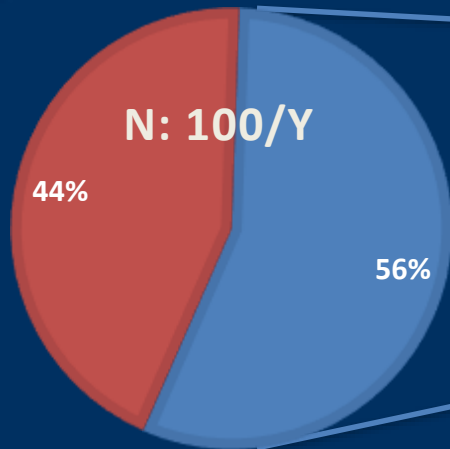
St. Marien-Hospital, Bonn



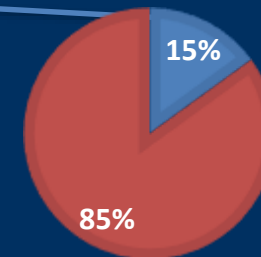
DEPARTMENT OF VASCULAR SURGERY

St. Marien-Hospital, Bonn

■ endovascular ■ open repair



ENDOPROTHESIS



■ Nellix®
■ Endurant™

NELLIX[®] N=40 (2013-2018)



- Narrow Bifurcation (15-22 mm)
- Large lumbar arteries
- Short neck (outside IFU)
- Aortoiliac 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

CASE REPORT

Past Medical History:

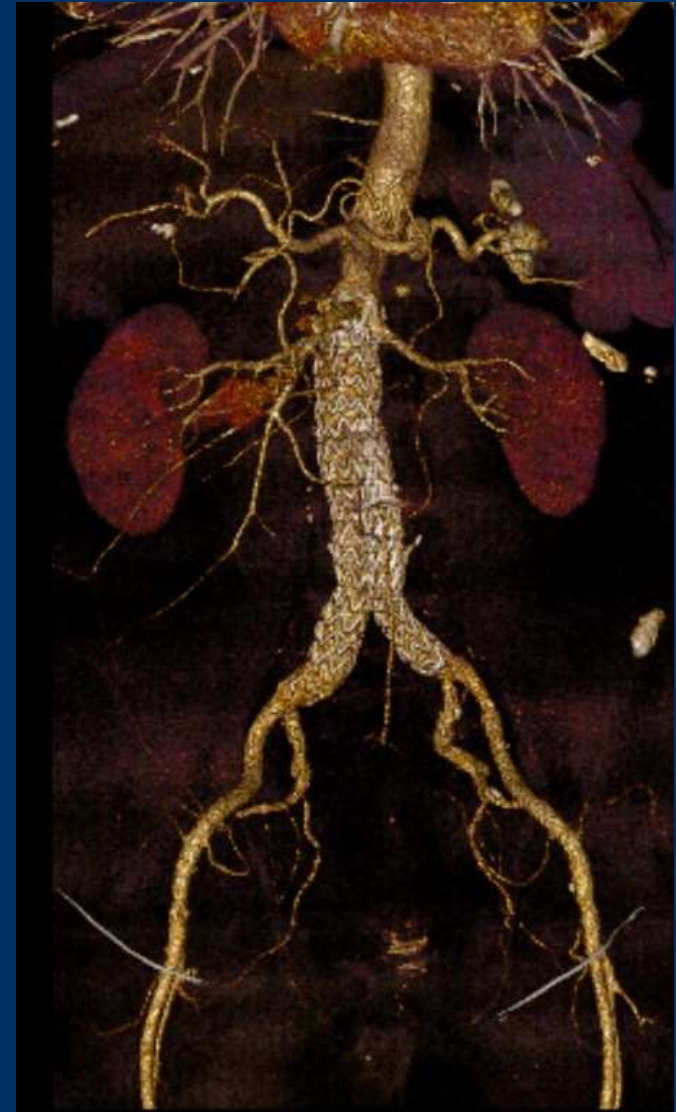
- Art. hypertension, thrombophilia (phenprocumon) hypercholesterolemia, smoking
- In his initial blood sample: CRP 9.2 (<0.5), HB 13.8 mg/dl, INR=3.75

CASE REPORT

Past Medical History:

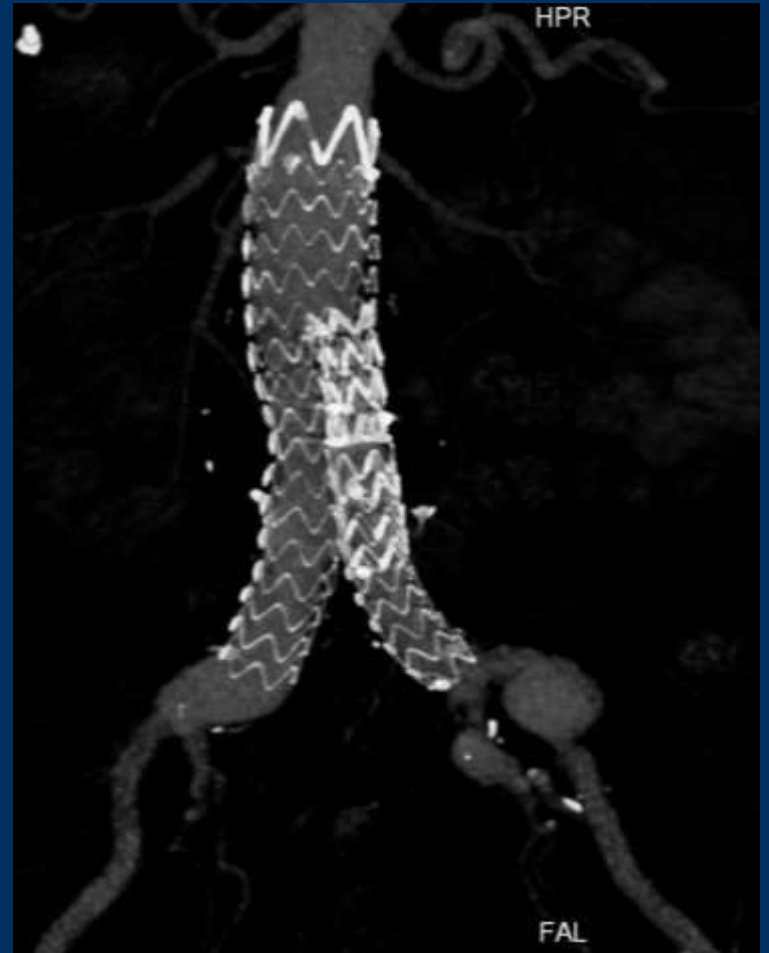
- Art. hypertension, thrombophilia (phenprocumon) hypercholesterolemia, smoking
- In his initial blood sample: CRP 9.2 (<0.5), HB 13.8 mg/dl, INR=3.75
- AAA (5.8 cm)

CASE REPORT

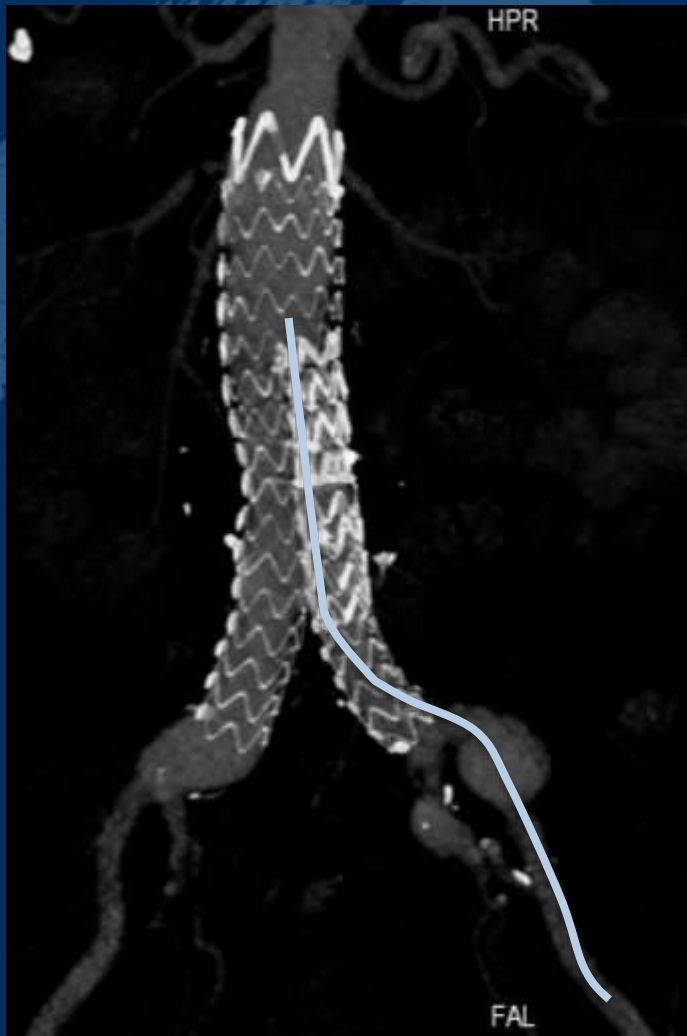


Endurant™II (32-20-166, 16-20-82, 16-16-82)

URGENT CT-SCAN

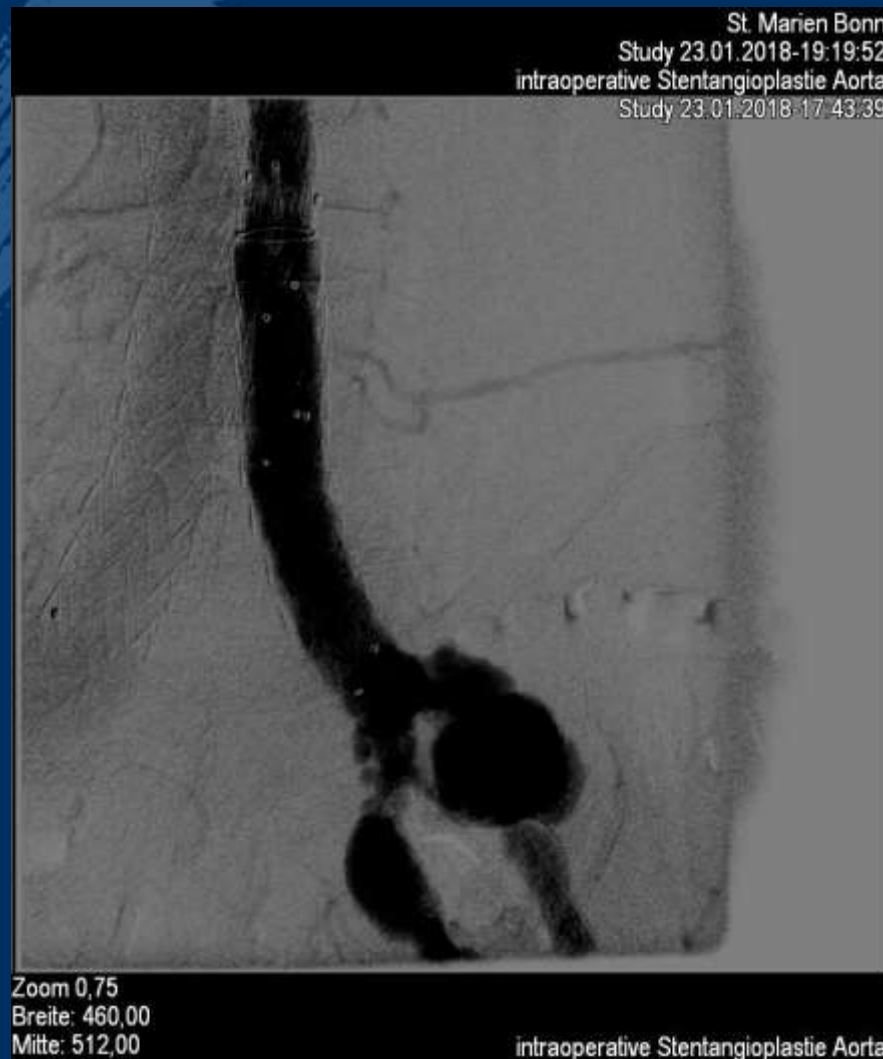


URGENT TREATMENT: NELLIX[®] -IN- ENDURANT[™]

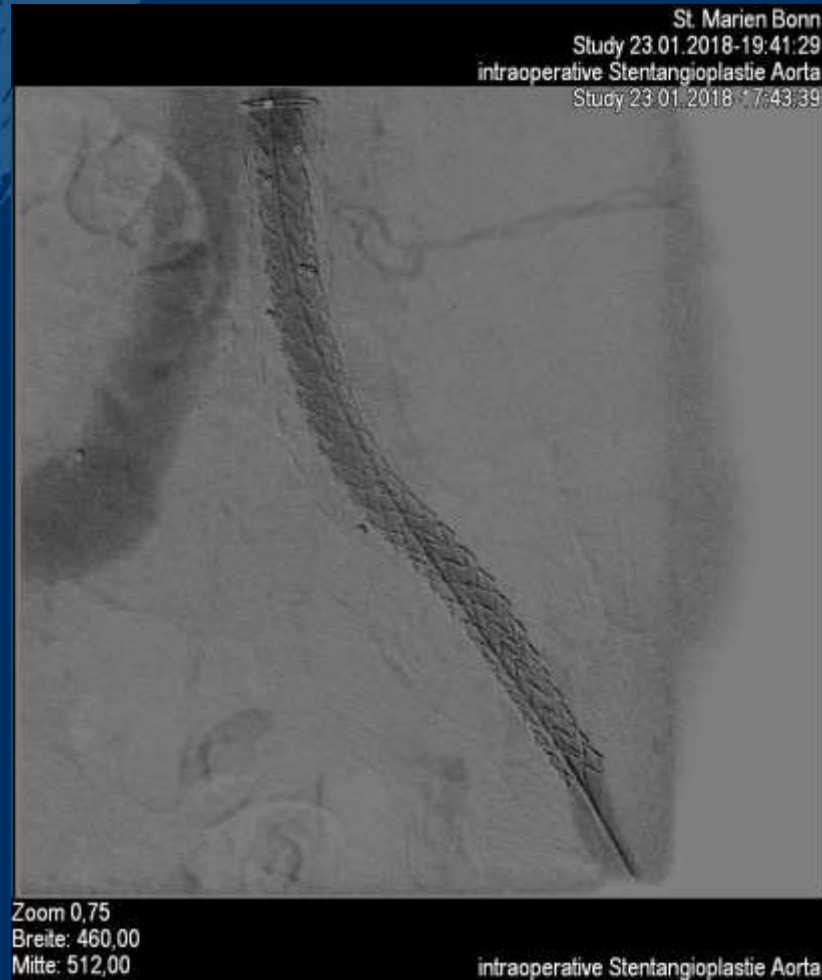


We chose to expand the Endurant[™] with a Nellix[®] Stentgraft (150 mm)

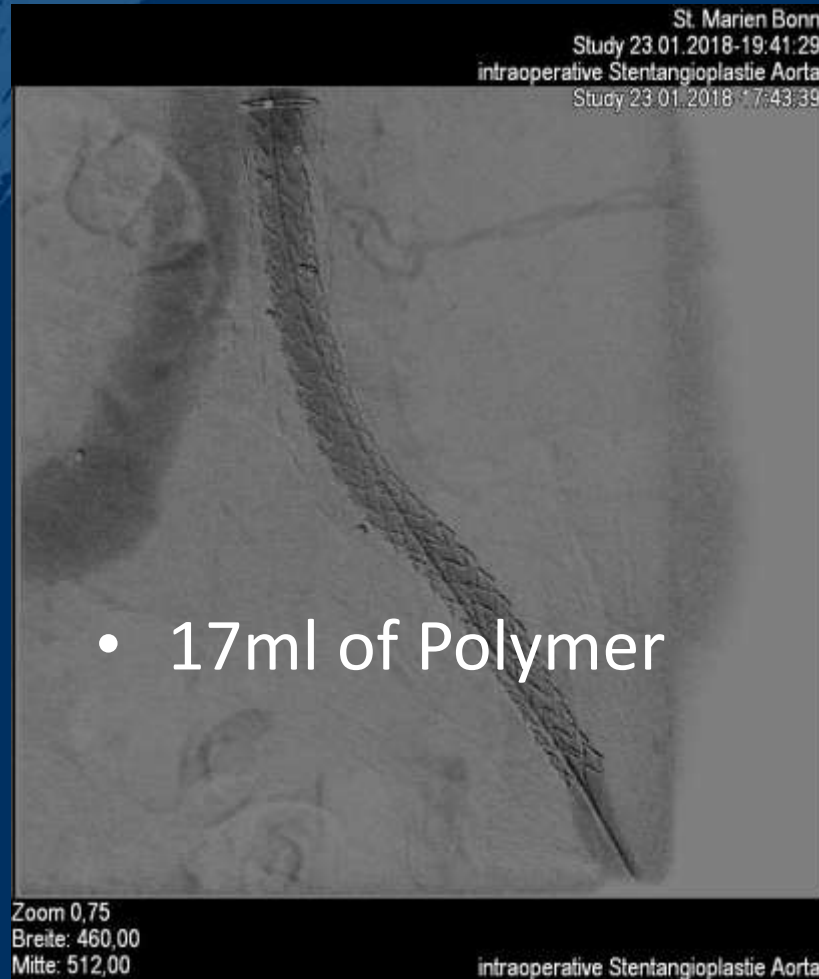
URGENT TREATMENT: NELLIX[®] -IN- ENDURANT[™]



URGENT TREATMENT: NELLIX[®] -IN- ENDURANT[™]



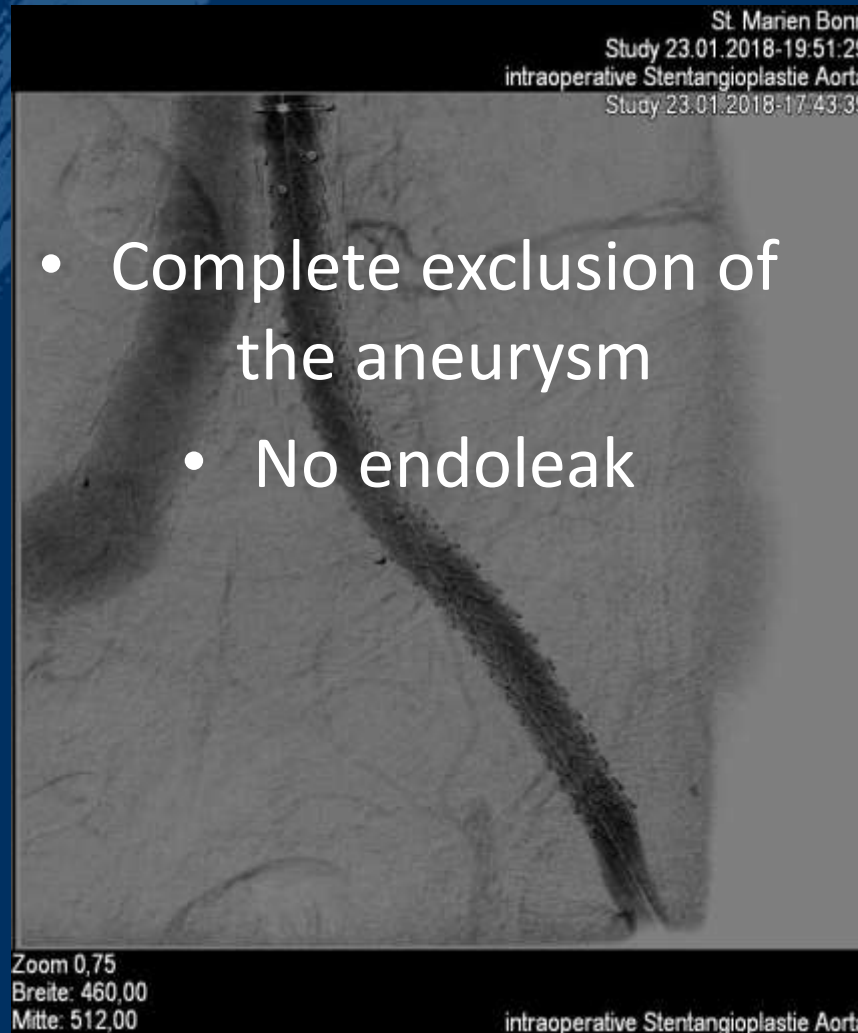
URGENT TREATMENT: NELLIX® -IN- ENDURANT™



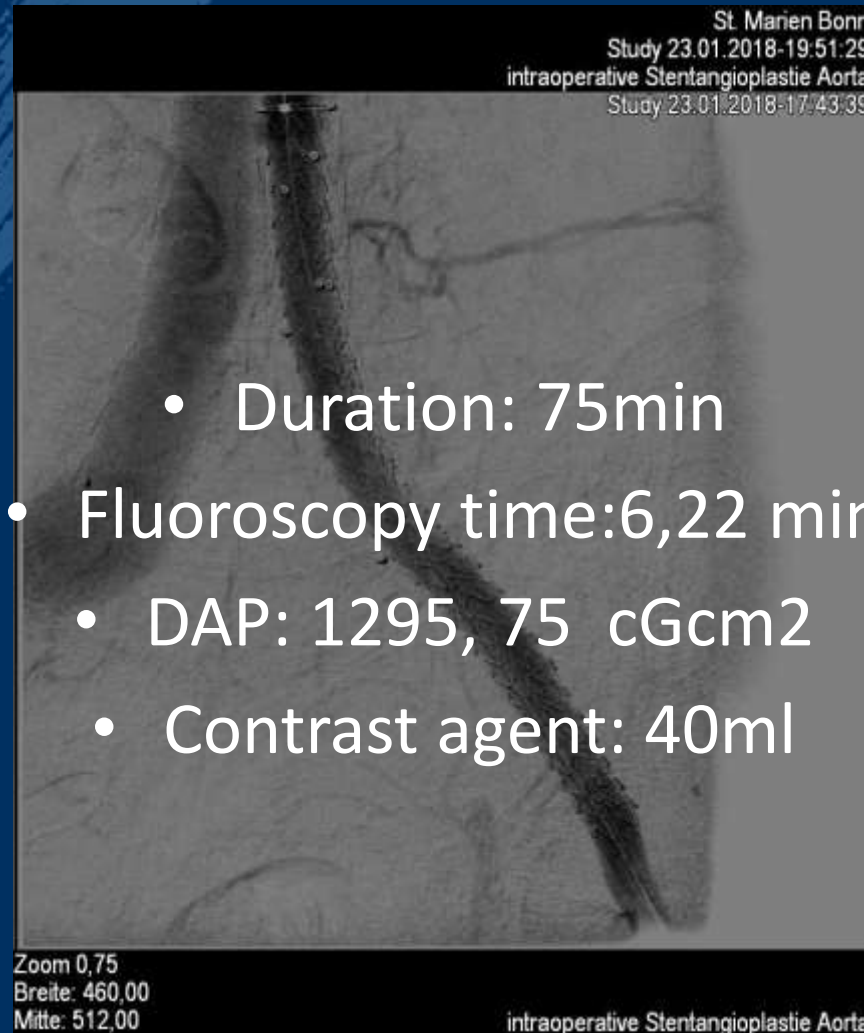
URGENT TREATMENT: NELLIX[®] -IN- ENDURANT[™]



URGENT TREATMENT: NELLIX® -IN- ENDURANT™



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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

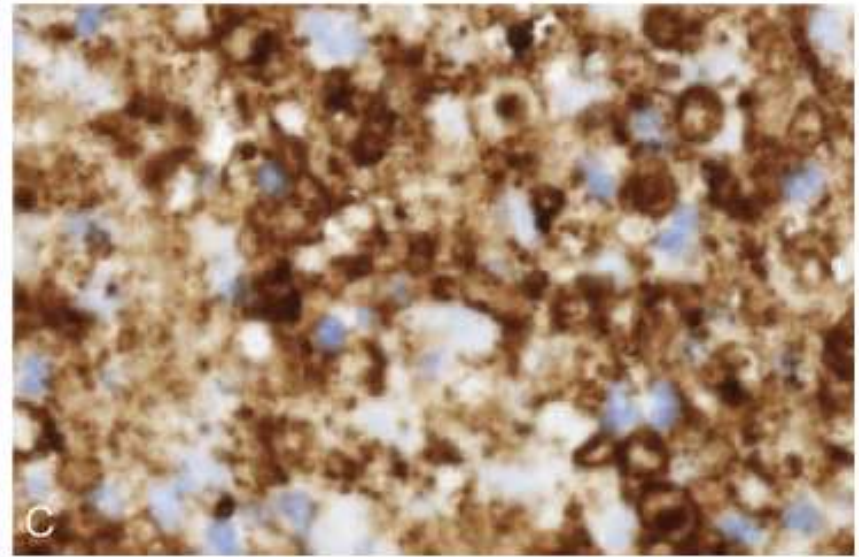
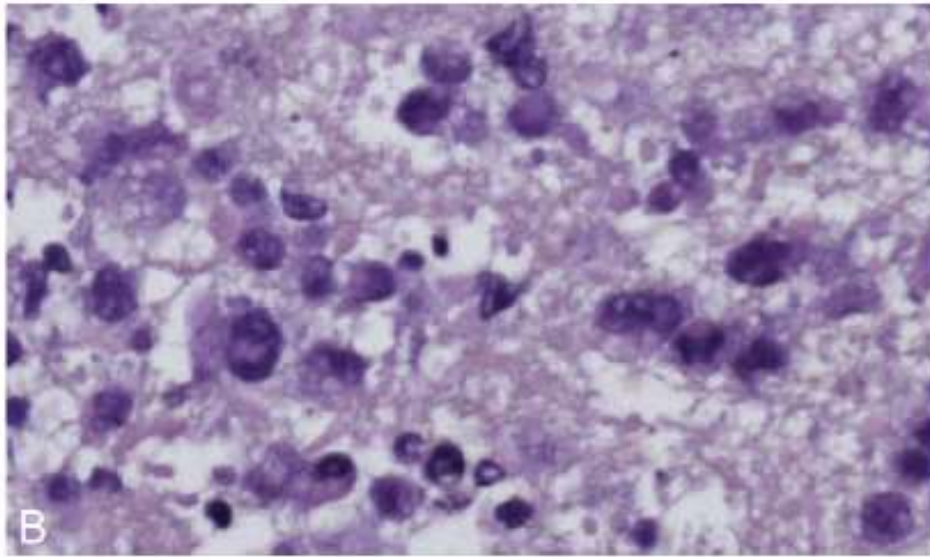


10/2018



12/2018

INTRAVASCULAR LARGE B- CELL LYMPHOMA



PicB/C: Toshifumi Hiraoka, MD et al. Thoracic Pseudoaneurysm caused By Malignant Lymphoma (Ann Thorac Surg 2018;105:e19–20)

CONCLUSION

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

Paraskevas KI et al. 2018: Endovascular Aneurysm Sealing (EVAS) Alone or in Combination with Chimney Grafts (chEVAS) for Treating Complications of Previous Endovascular Aneurysm Repair (EVAR) Procedures. *Cardiovasc Intervent Radiol.* 2018 Jul;41(7):1015-1020.

Martinelli O et al. 2018: An Alternative Approach for Treating a Type Ia Endoleak after Conventional EVAR Using the Nellix Endovascular Aneurysm Sealing *Ann Vasc Surg.* 2018

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*Update: 4th January 2019

PRODUCT RECALL
NELLIX[®] by Endologix !





THANK YOU FOR YOUR ATTENTION !

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