

PNEC Case Presentation

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DISCLOSURE

Amy H. Coulter, MD

- No relevant financial relationship reported

75 y/o man

History of present illness

- presented to ER with 12 hour history of worsening right-sided flank pain
- acute onset after having a BM and was so severe that patient lay on the floor for several hours until a friend could come and help him up
- prior to onset of pain, patient was in his usual state of health
- recently completed a course of antibiotics and presently on a steroid taper for COPD exacerbation

75 y/o man

Past medical history

- severe COPD on 3L home O2
- morbid obesity
- atrial fibrillation on Coumadin
- CVA
- CAD
- HTN
- low back pain
- DM

Past surgical history

- EVAR for ruptured AAA in 2007
- multiple ventral hernia repairs

75 y/o man

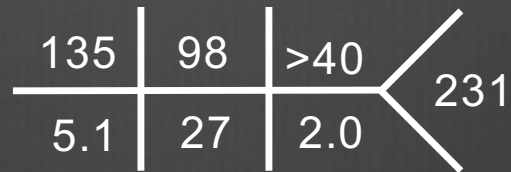
Vitals

- Afebrile, HR 84, BP 93/57, O2 Sat 94% on 3L NC

Physical Exam

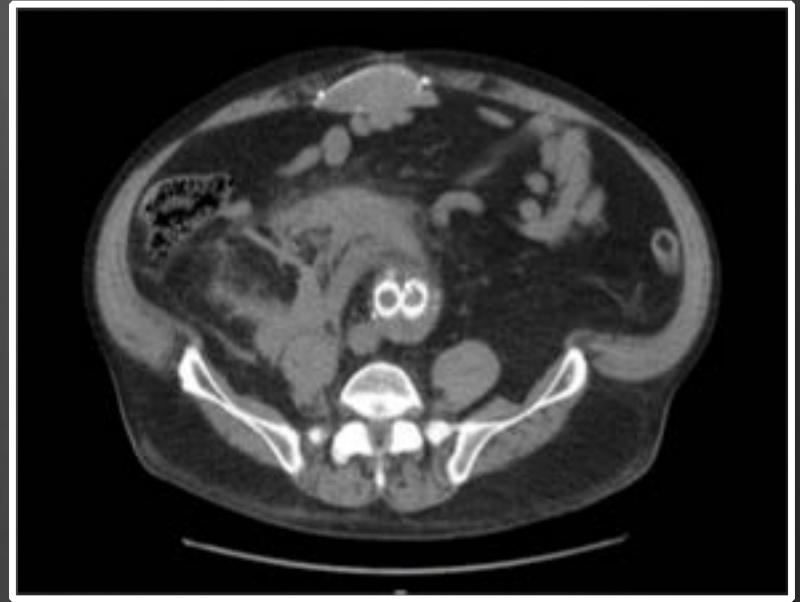
- Awake and alert, cognitively intact
- In atrial fibrillation
- Bilateral wheezing
- Well-healed midline laparotomy
- RLQ and R flank tenderness, no peritonitis
- Palpable femoral pulses bilaterally

75 y/o man



INR 3.2

Noncontrast CT



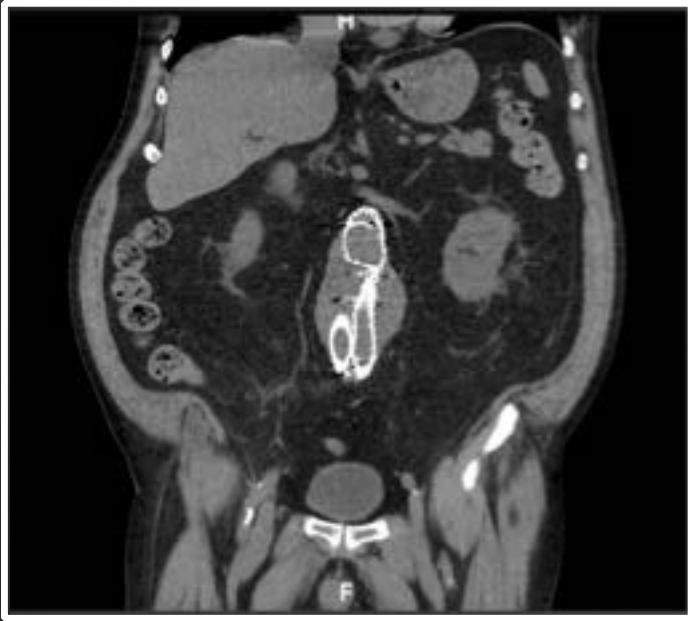
Comparison to prior



10/2017



5/2018



10/2017



5/2018

What would you do?

Operative course

- Taken emergently to OR
- Case done under MAC with local anesthesia
- Percutaneous access of bilateral common femoral arteries accessed with ultrasound
- Diagnostic angiography performed

XR FLUORO IN OR 1-3 NR

0476443

Coulter, Amy

46 

87 

L



107 kVp

138.0 mA

17

OEC



XR FLUORO IN OR 1-3 NR

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Coulter, Amy

46 

87 

L



111 kVp

134.6 mA

18

OEC



XR FLUORO IN OR 1-3 MR

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Coulter, Amy



L



117 kVp

128.4 mA

19

OEC



XR FLUORO IN OR 1-3 NR

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L



114 kVp

131.2 mA

23



OEC



Additional thoughts?


Operative course


- Decision to make to reline for possible Type IV endoleak
- Aorta measured 27mm at the renals on CT
- Endograft relined with GORE Excluder
 - Proximal aortic cuff x2 (32 x 4.5)
 - Right iliac limb 14.5 x 14
 - Left iliac limb 16 x 14

XR FLUORO IN OR 1-3 NR

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Coulter, Amy

46 

87 

L

113 kVp

133.3 mA

24



OEC



Postoperative course

- Patient admitted postoperatively to ICU, initially stable
- POD #3
 - acute episode of increased flank and pain
 - HR 120s, BP 65/45
 - Hct 26
 - Transferred back to ICU
 - CTA performed





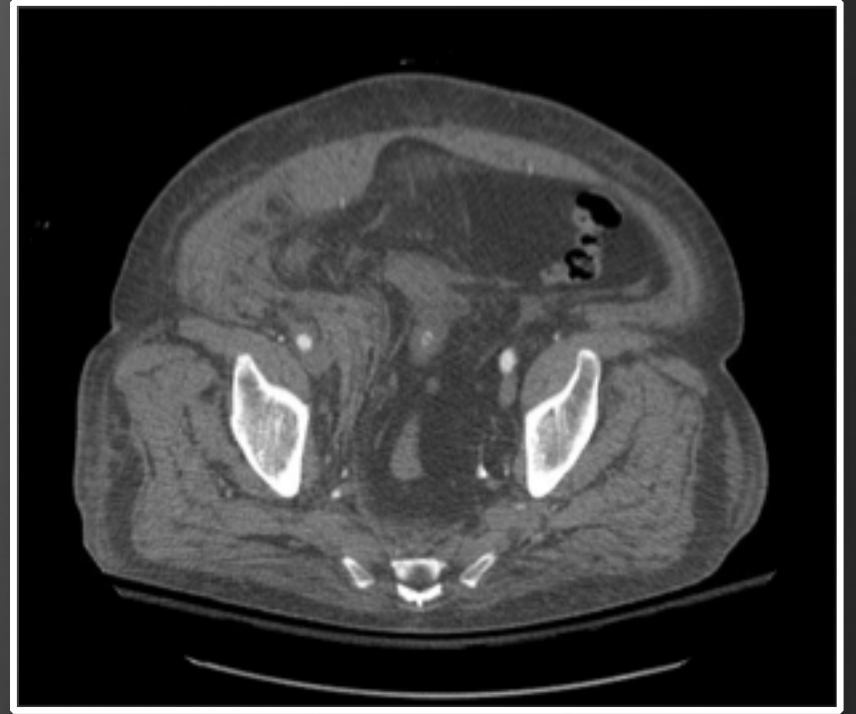
P



D







Postoperative course

- Patient transfused 3 units PRBCs
- Hemodynamic improvement with transfusion
- Observed with serial Hct
- No further events
- Discharged to SNF on POD #7

Thank you