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Challenging EVAR in very narrow aortic bifurcation: sometime you need luck

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Disclosure

Speaker name:

Dr. Supachok Maspakorn

I have the following potential conflicts of interest to report:

- Consulting
- Employment in industry
- Stockholder of a healthcare company
- Owner of a healthcare company
- Other(s)

I do not have any potential conflict of interest



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Patient data

- 79 y female
- Present with atypical RLQ abdominal pain
- No underlying disease



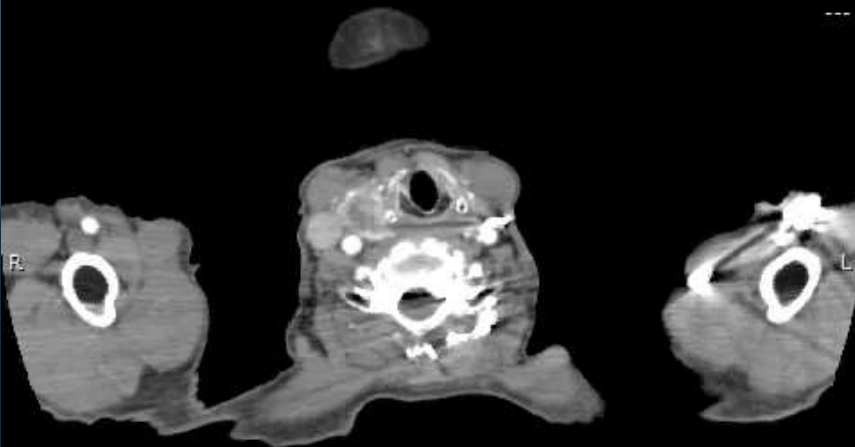
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CT angiogram

นาง, มิเช่
Nang, Michae
1196554
78 YEAR
01/04/2481
F

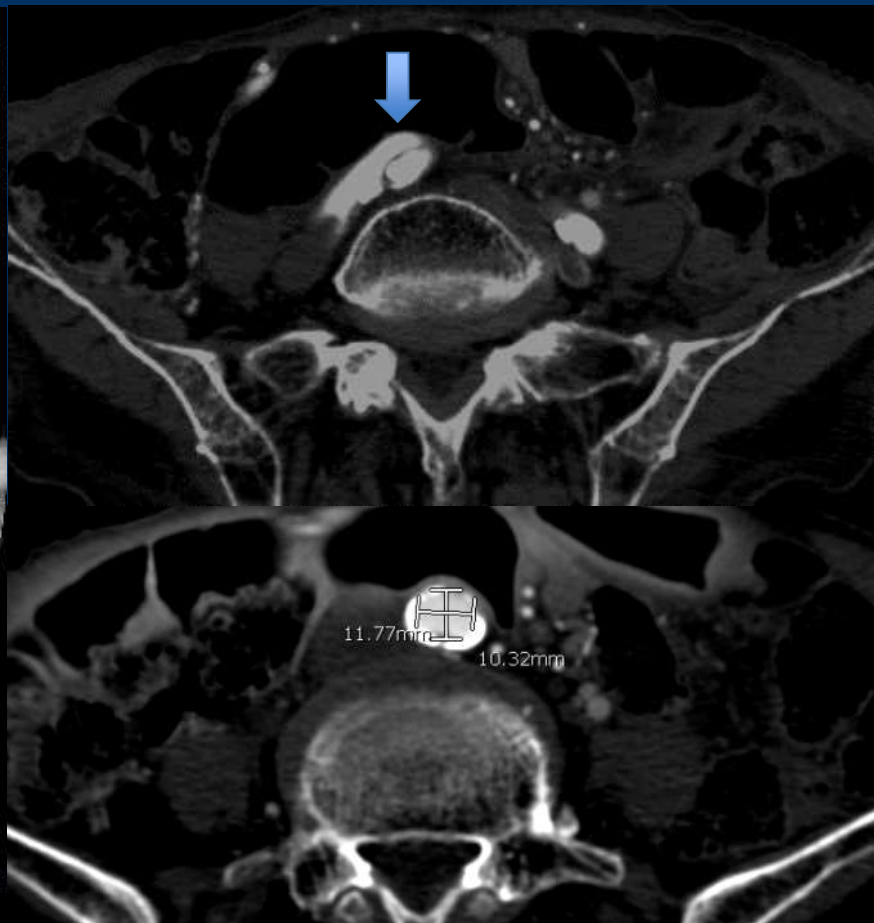
A

CHIANGRAI HOSPITAL,
CTA ABDOMEN
2.5 MM A.
04/09/2559 15:49:28
CT00171394
ULTRAVIST370 100
LOC: 65
THK: 2.50
FFS



RD: 311
Tilt: 0
mA: 291
KVp: 120
Acq: 1
Model:GECT
Page: 1 of 240

C: 40
W: 400
Compressed 8:1
IM: 1 SE: 3





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Planning

1. AUI with FEM-FEM cross over from right to left
2. Standard bifurcate EVAR+ Ballerina' technique



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Operation day



PT_NAME: NANG_MEE,IAE BIRTH_DATE: 1/1/1938 SEX: F
EX_DESC: CAROTIDE EX_DATE: 1/6/2017 EX_HOUR: 8:56:53 ID: 1198554
RUN: 81 IM: 0 NOISE: 2MD EDGE: 1 ROT: 175



PT_NAME: NANG_MEE,IAE BIRTH_DATE: 1/1/1938 SEX: F
EX_DESC: CAROTIDE EX_DATE: 1/6/2017 EX_HOUR: 8:56:53 ID: 1198554
RUN: 81 IM: 0 NOISE: 2MD EDGE: 1 ROT: 175

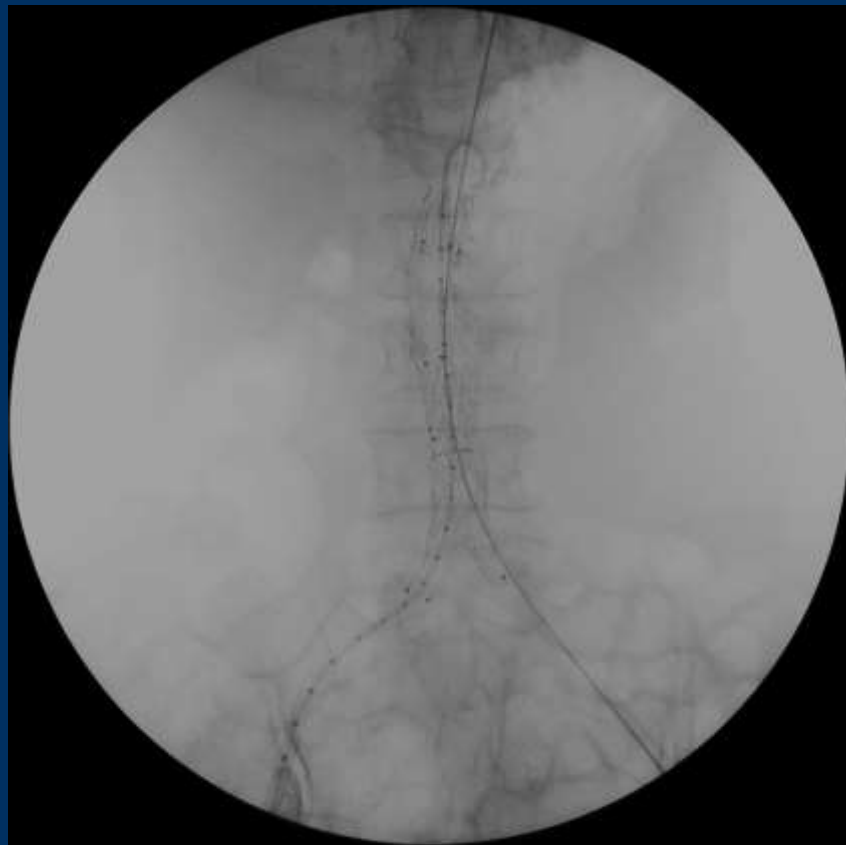


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Operation day



PT_NAME: NANG_MEE, JAE BIRTH_DATE: 1/1/1988 SEX: F
EX_DESC: CAROTIDE EX_DATE: 1/6/2017 EX_HOUR: 8:56:53 ID: 1198554
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PT_NAME: NANG_MEE, JAE BIRTH_DATE: 1/1/1988 SEX: F
EX_DESC: CAROTIDE EX_DATE: 1/6/2017 EX_HOUR: 8:56:53 ID: 1198554
RUN: 81 IM: 3 NOISE: 2MD EDGE: 1 ROT: 175



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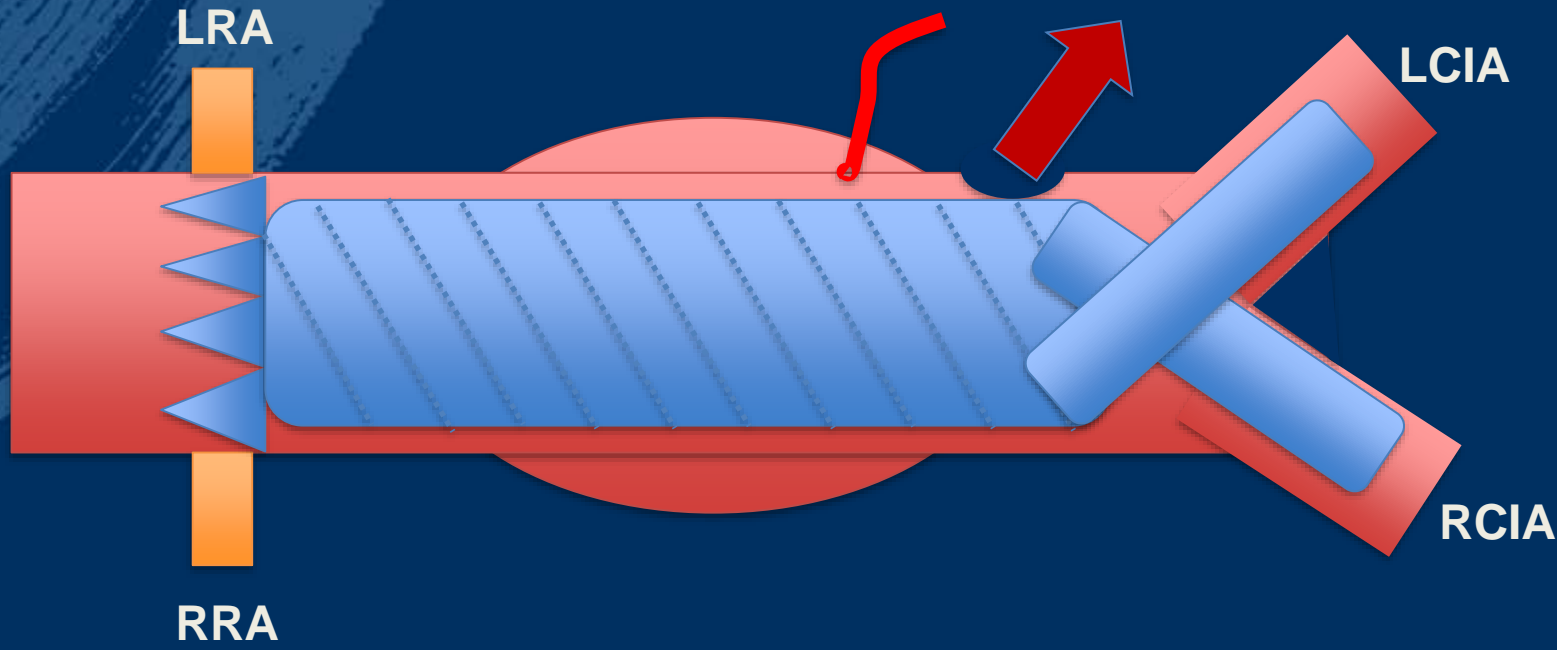
- Blood transfusion
- Reverse effect of heparin by Protamine
- BP 70/40 with obvious abdominal distension

Conversion to open repair



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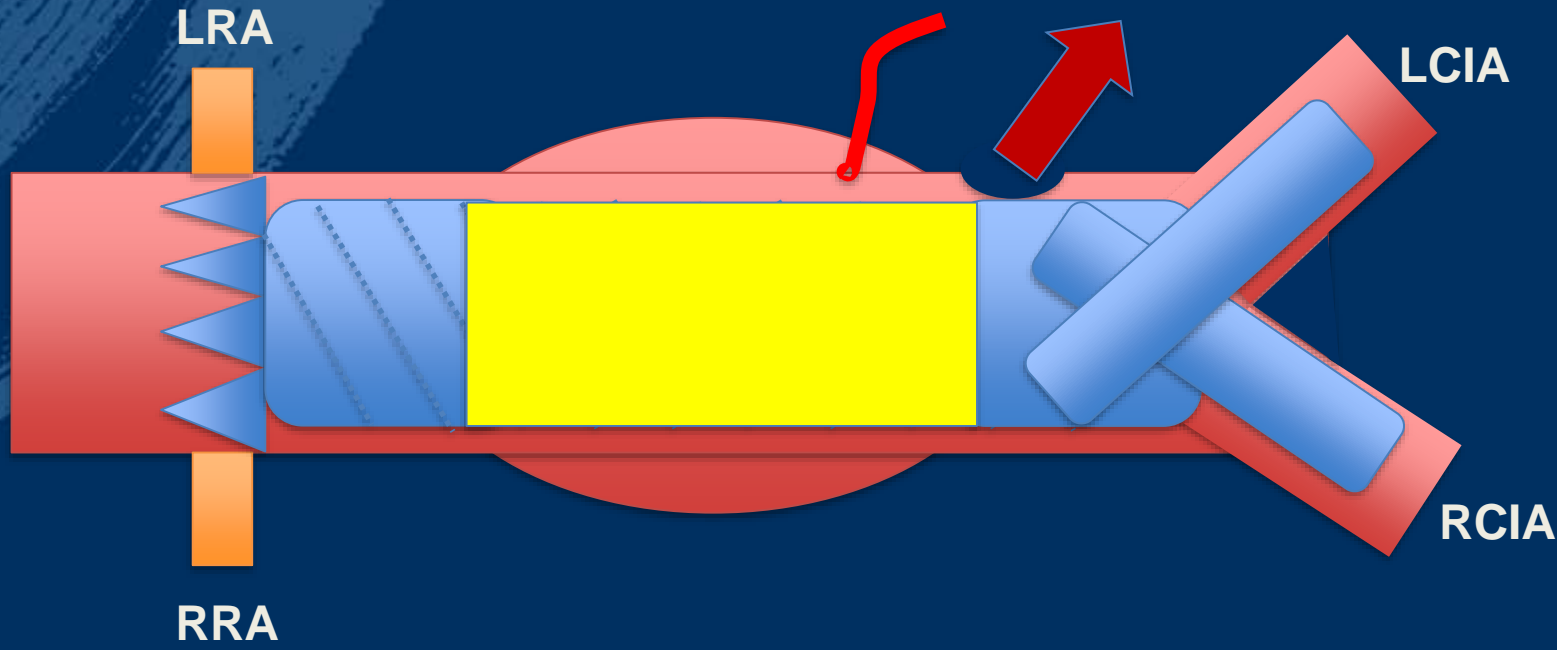
Open repair





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Open repair





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Finally

3 operations

1. EVAR → open aneurysm repair + swab packing
2. re-packing + closure aneurysm sac
3. closure abdomen with retention suture

Discharge at day 18 post-operative

ICU stay 7 days



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Nang, Michae
1196554
79 YEAR
01/04/2481
F-Pos: 56.9 cm
SIMOSS40 No Filter

CHIANGRAI HOSPITAL.
CTA ABDOMEN
Processed Images
12/06/2560 13:20:40
CT00197589



THK: 0.63
FFS

No VCI
R77.20

0.00mm 1.375:1/0.625p

Acq: 1
Model: GECT
Page: 1 of 31

C: 128
W: 256

IM: 1 SE: 454





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Conclusions

- Change in first planning because we aspect more benefit can cause worse outcome.
- Not everyone lucky like this patient.



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Thank you for your attention



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