

右外腸骨動脈-小腸/尿管瘻に対して、  
Hybrid operationにて対応した症例。

自治医科大学放射線科  
河合陽

# 症例提示

- 74歳女性
- 下血・血尿
- 既往歴  
子宮体癌術後、放射線治療後  
右尿管WJカテーテル挿入  
イレウスにて手術歴：2回  
Sjogren症候群
- 現病歴  
2011年10月15日 am 2時頃血便あり。  
その後、腹痛が持続するため、翌朝、当院受診。  
血尿は以前からあった（→放射性膀胱炎の診断）。

# 症例提示

- 身体所見

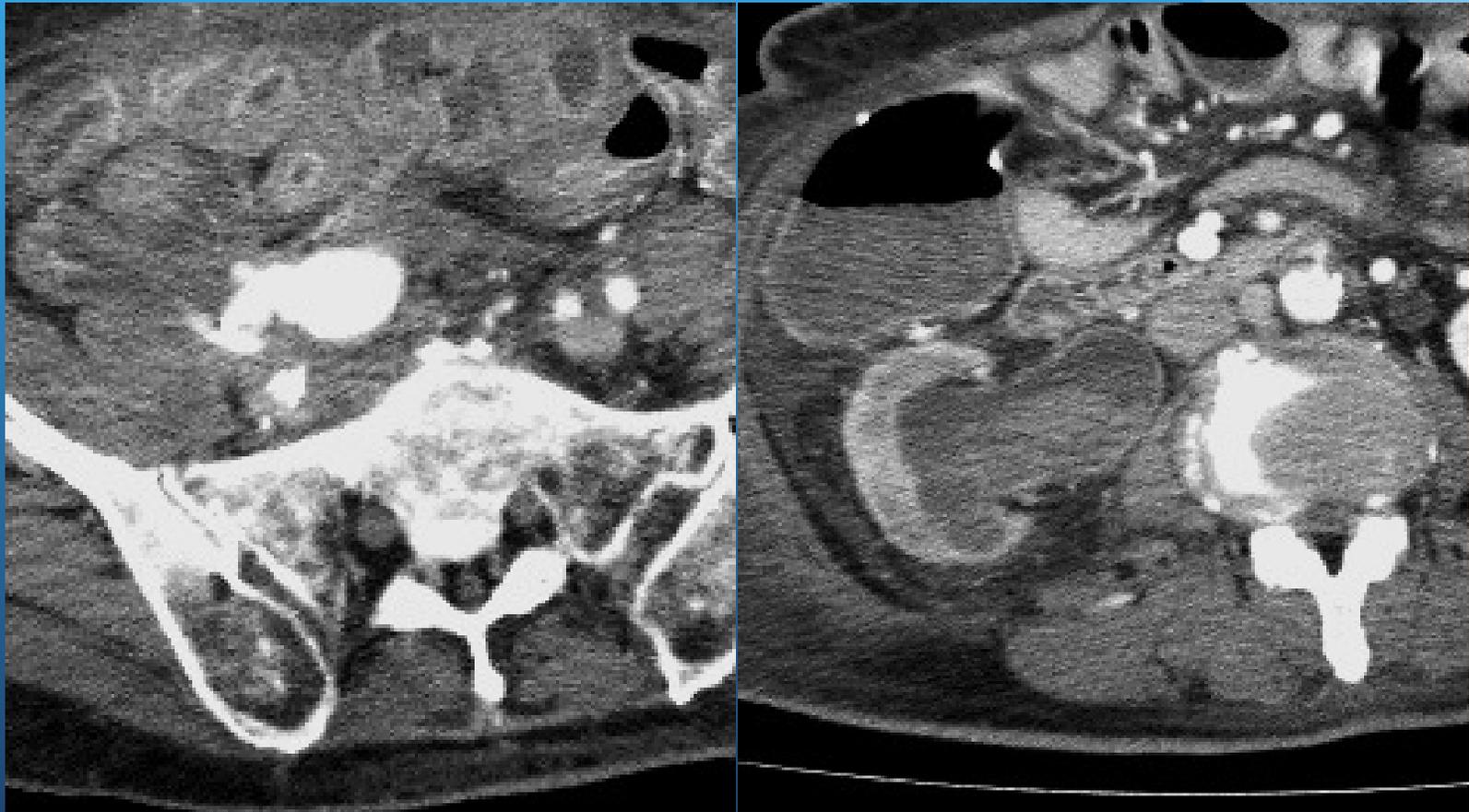
BP 96/31 mmHg  
HR 90 /min  
BT 37.8 °C  
SpO2 94 % (4L nasal)

・ 腹部に圧痛あり。

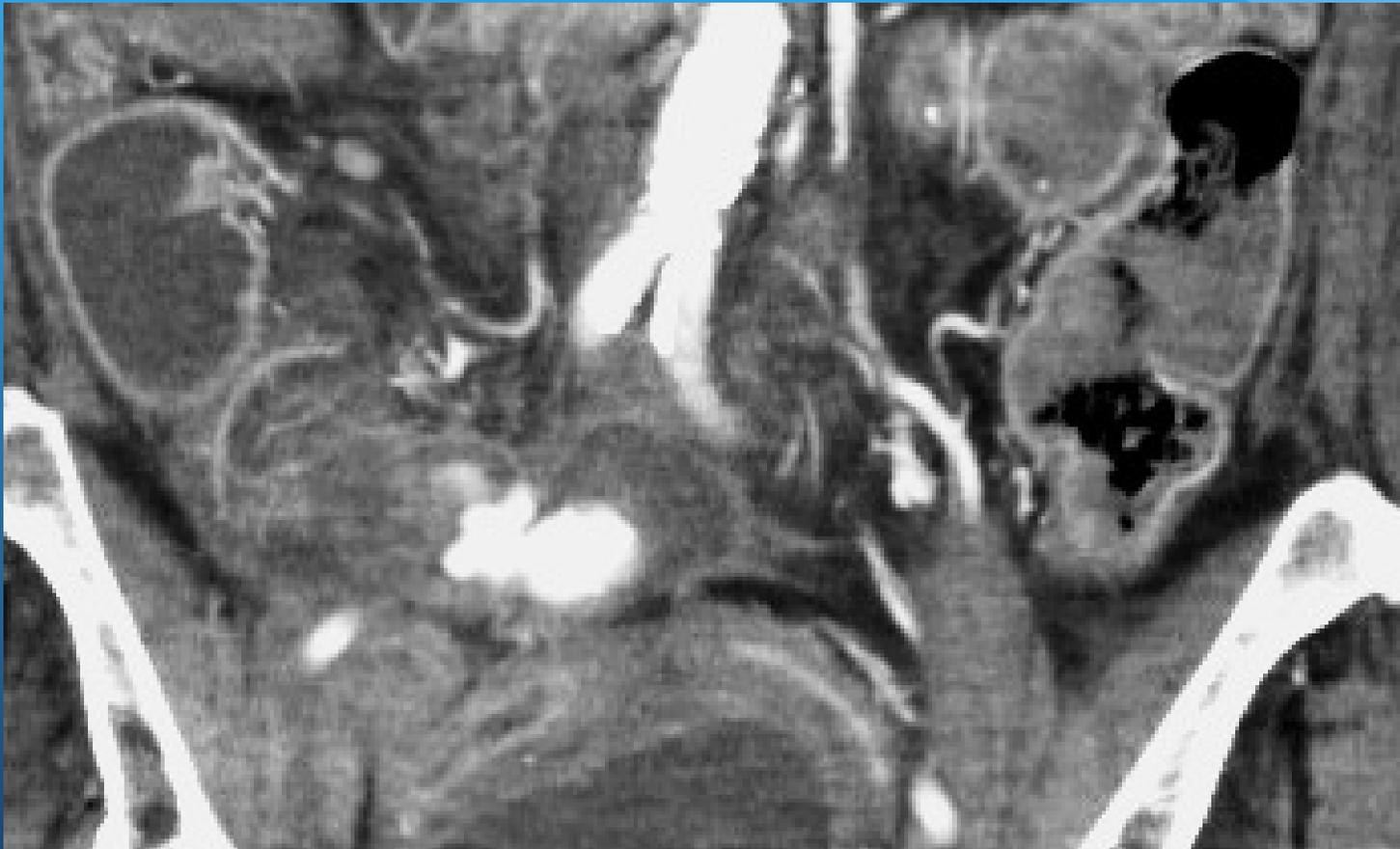
- 検査所見

WBC	11600	Alb	1.2
Hb	3.6	BUN/Cre	29/1.13
Plt	26.0	尿RBC	3+
CRP	11.15	尿WBC	1+

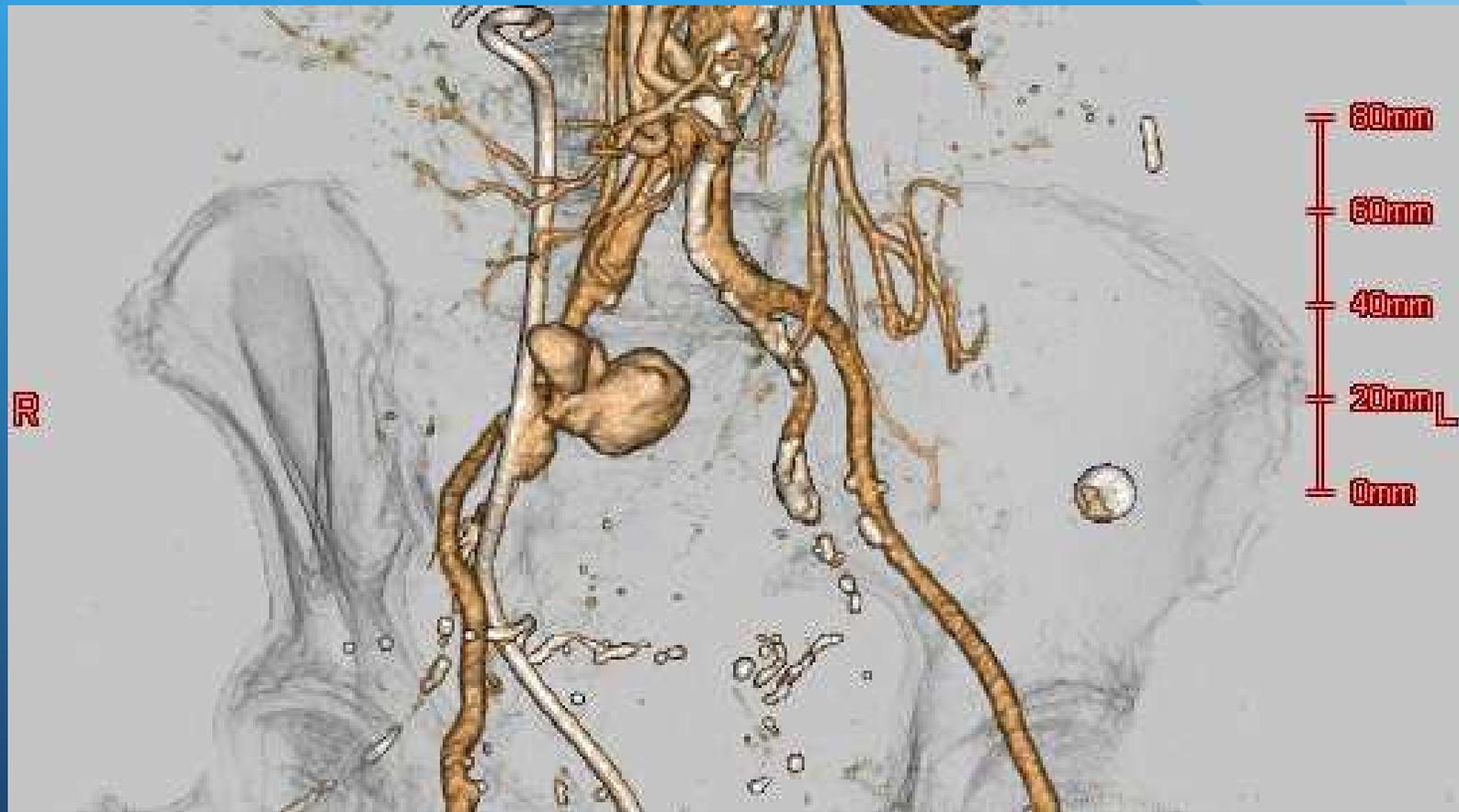
# 腹部Dynamic CT



# 腹部Dynamic CT



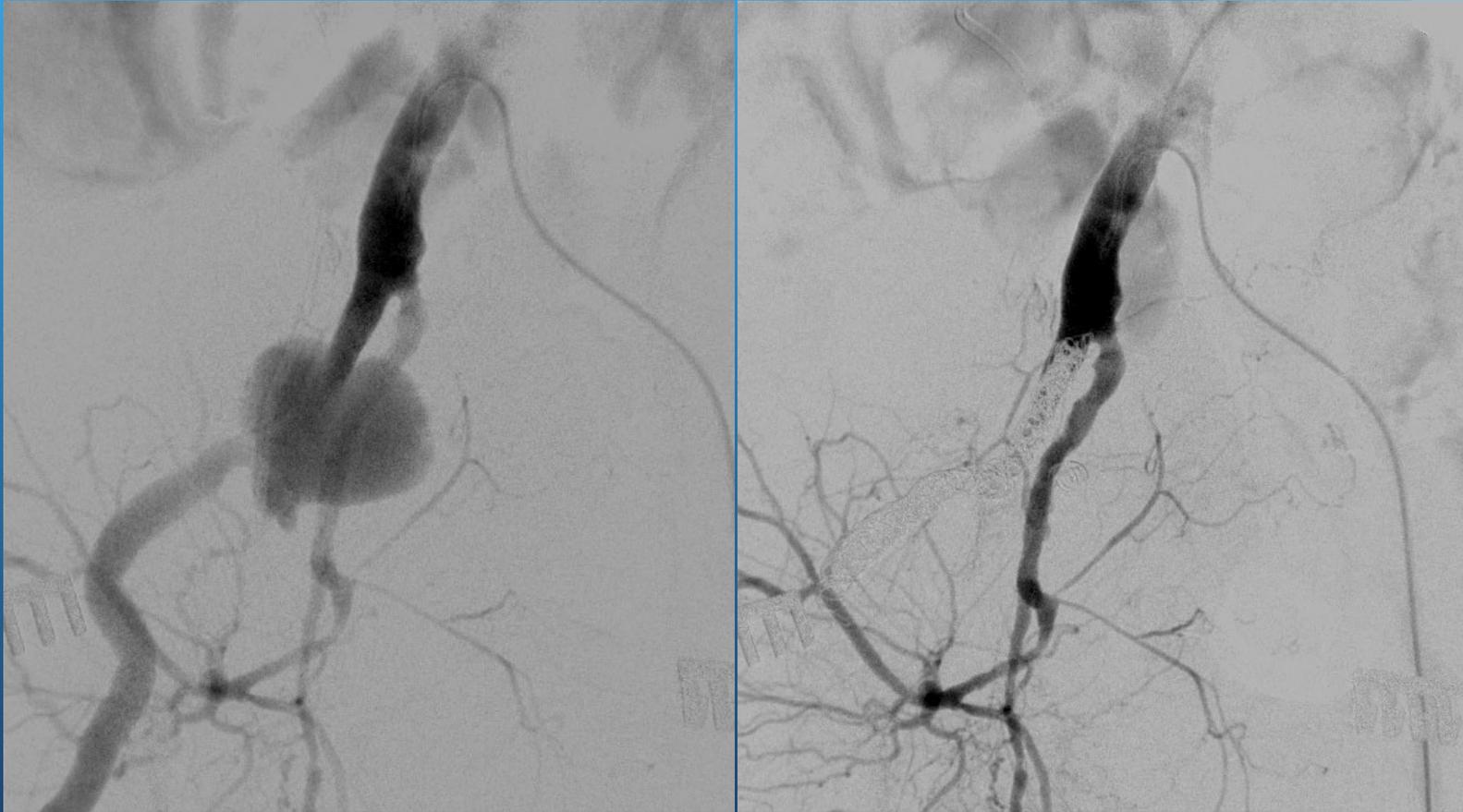
# 腹部Dynamic CT



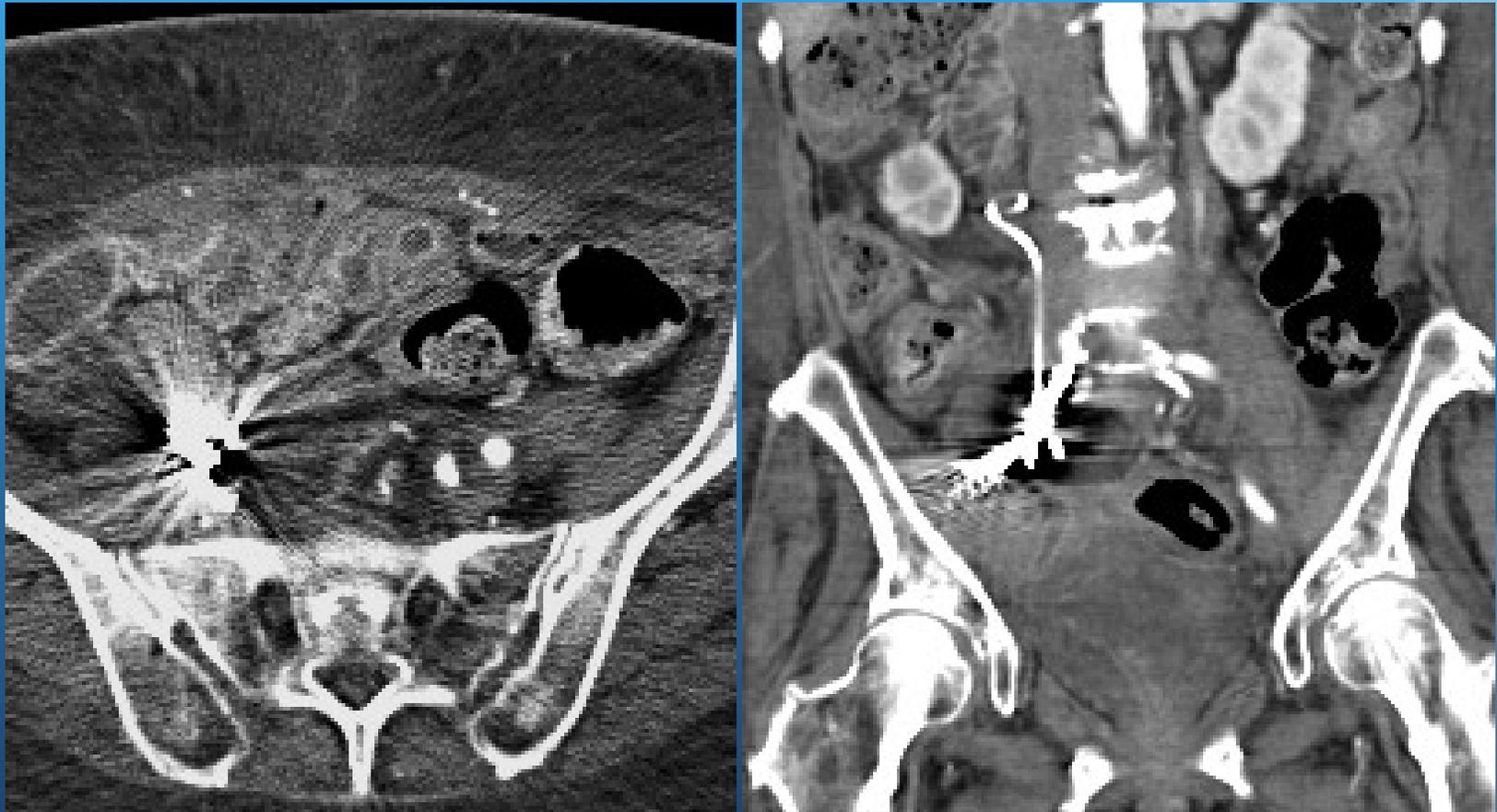
# 治療方針

- Ope  
EIA結紮＋Ao-Femoral bypass  
→ 度重なる手術歴、RT：腹腔＋後腹膜癒着  
→ 子宮癌術後に伴うリンパ浮腫
- Angio  
Excluder leg内挿術  
→ 感染部に人工物？：EIA-小腸瘻
- Hybrid  
EIA coil塞栓＋F-F bypass  
→ 開腹 or 後腹膜にアプローチしない。  
→ 人工物感染としてもコントロールはしやすい。

# Angio



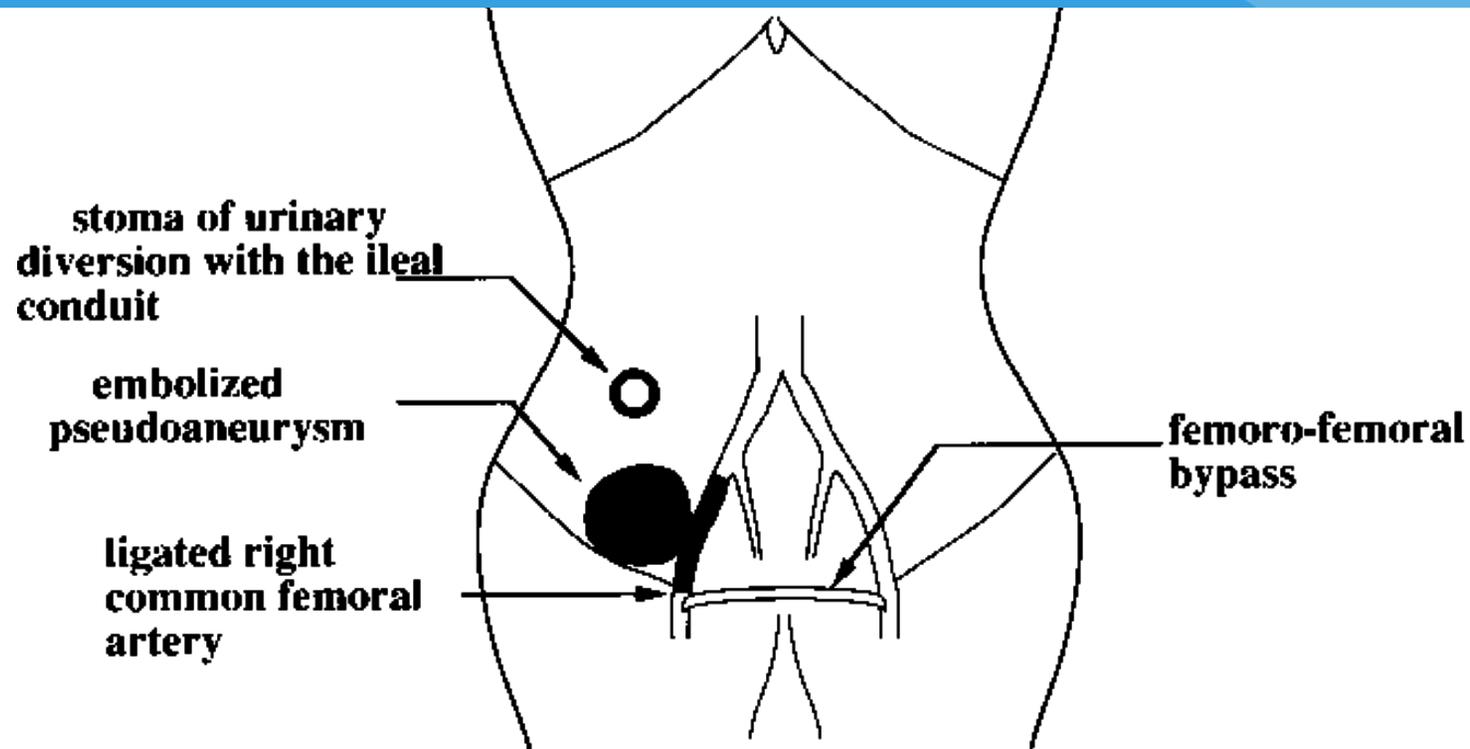
# 術後CT



# 術後CT



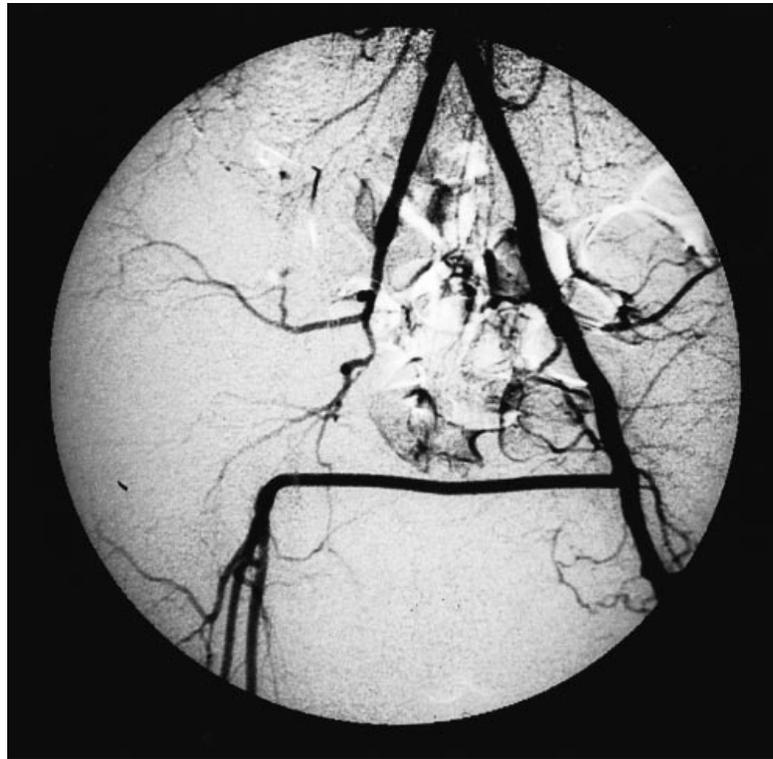
# 文献1



**Fig. 3.** Schematic diagram of catheter embolization and

Combined Catheter Embolization and Femorofemoral Bypass for Pseudoaneurysm of the Right External Iliac Artery: Report of a Case. Shoji Watarida. S.uWrgaTtaordiadya. Jpn J Surg (1999) 29:83-85

# 文献1



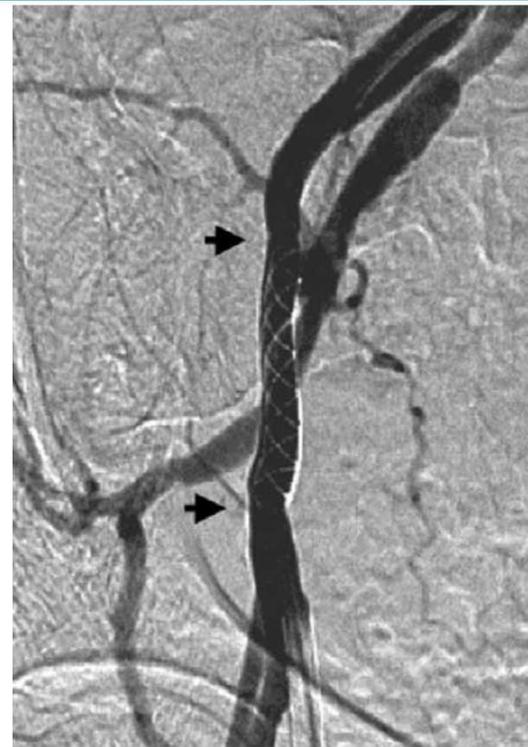
**Fig. 4.** Postoperative digital subtraction angiogram of the pelvic artery showing the completely obstructed right external iliac artery and good patency of the femorofemoral bypass

Combined Catheter Embolization and Femorofemoral Bypass for Pseudoaneurysm of the Right External Iliac Artery: Report of a Case. Shoji Watarida. S.uWrgaTtaordiadya. Jpn J Surg (1999) 29:83-85

## 文献2



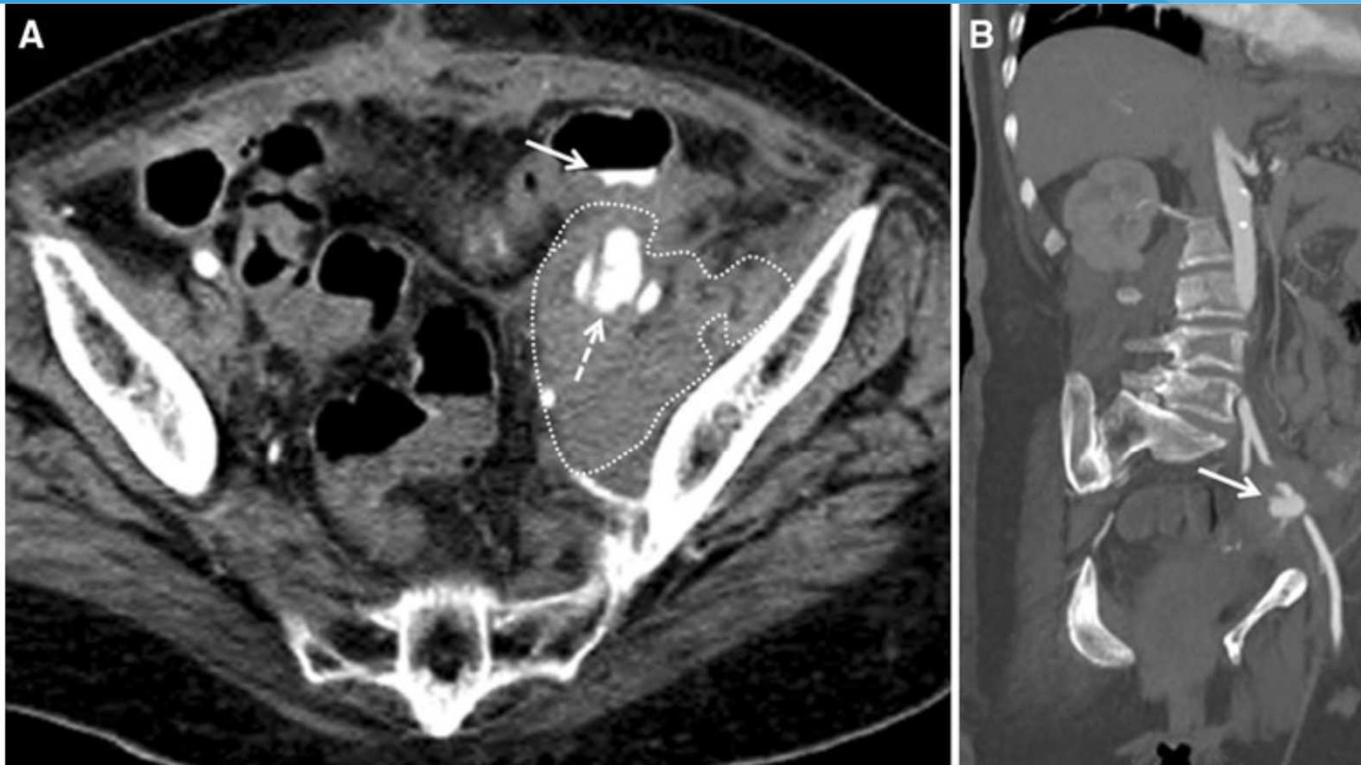
**Figure 1.** Angiography shows that the pseudoaneurysm (arrow) arising from the right external iliac artery has ruptured into the rectum.



**Figure 2.** Post-stenting angiography shows obliteration of the pseudoaneurysm by the covered stent (between arrows) with a patent right external iliac artery.

Ruptured Pseudoaneurysm of the External Iliac Artery in an Advanced Cervical Cancer Patient Treated by Endovascular Covered Stent Placement. Wan-Yi Huang. J Formos Med Assoc. 2008 • Vol 107 • No 4

# 文献3



**A** Preoperative CT-angiography shows the presence of iliac dilatation (*dashed arrow*) and a gas–fluid level collection in the hypogastric artery and the ilio-psoas muscle (*dot-*

*outlined area*) with contrast extravasation into the sigmoid (*arrow*). **B** maximum intensity projection reconstruction

Emergency Endovascular “Bridge” Treatment for Iliac-Enteric Fistula, Marco Franchin. *Cardiovasc Intervent Radiol* (2011) 34:1106-1108

# 術後経過

- 術後より、血尿、血便は消失。
- 術後5日より摂食開始。
- 術後11日に退院。

## 結語

- Hybrid治療により良好な経過を辿った  
右外腸骨動脈-小腸/尿管瘻の症例を経験したので  
報告した。