

Case Presentation on MPM

Yan Li

**Department of Peritoneal Cancer Surgery
Beijing Shijitan Hospital
Capital Medical University**

August 10, 2017

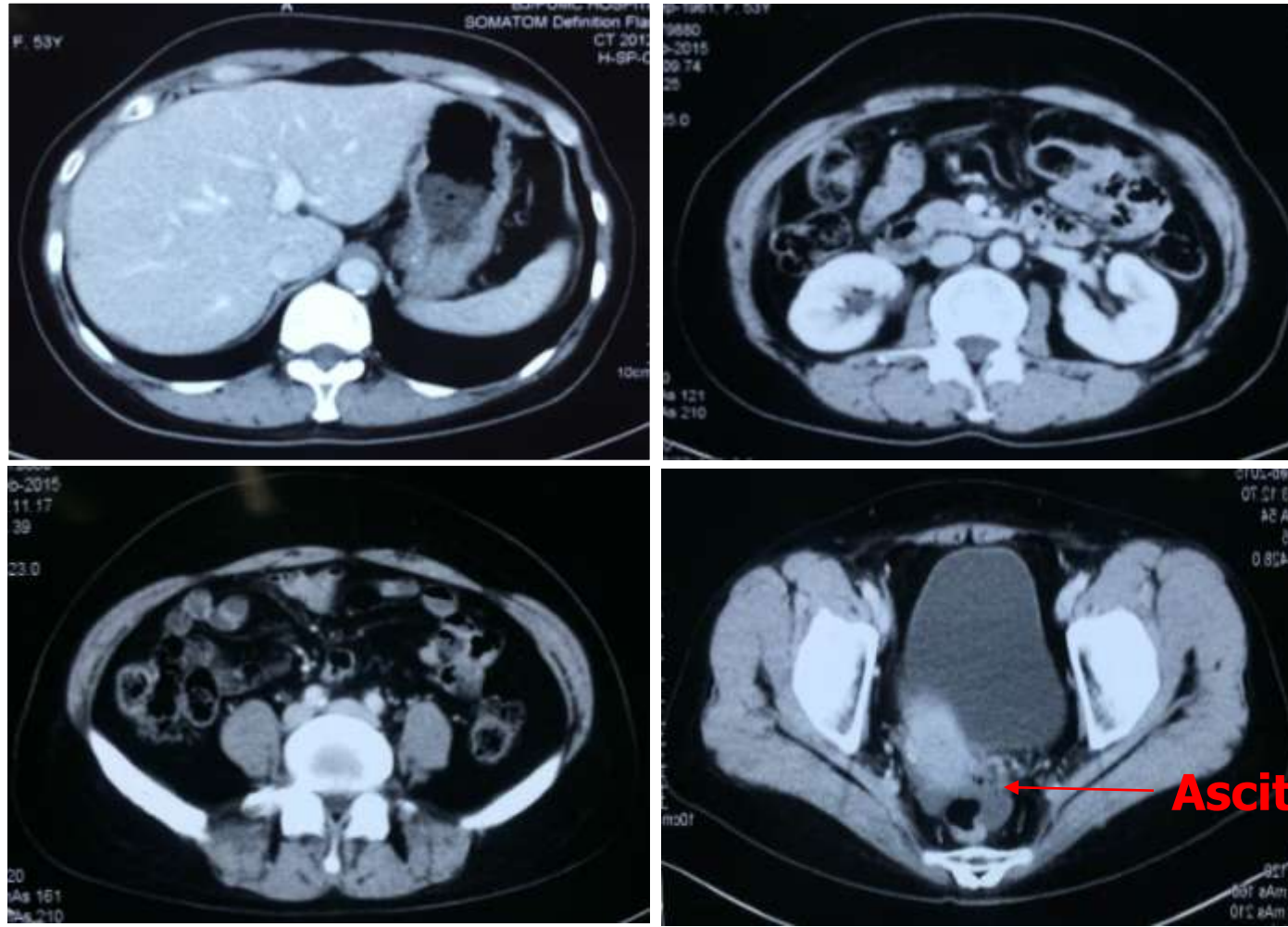
Case Presentation

- Female, 54 years**
- CA199 increased, 20 months**
- Abdominal pain and distention, 6 months**
- Past history: asbestos exposure 4 years at childhood, lymph node tuberculosis**
- Family history: mother died of rectal cancer, sister pulmonary tuberculosis**

Case Presentation

□ 2015-11 Peking Union Hospital:

CA199 **46** ↑ U/ml, fecal OB +, no symptoms



Case Presentation

□ 2016-04-21 Peking Union Hospital

CA199 22.3 U/ml, CA125 **86.6** ↑ U/ml.

gastroscopy & coloscopy : polyps

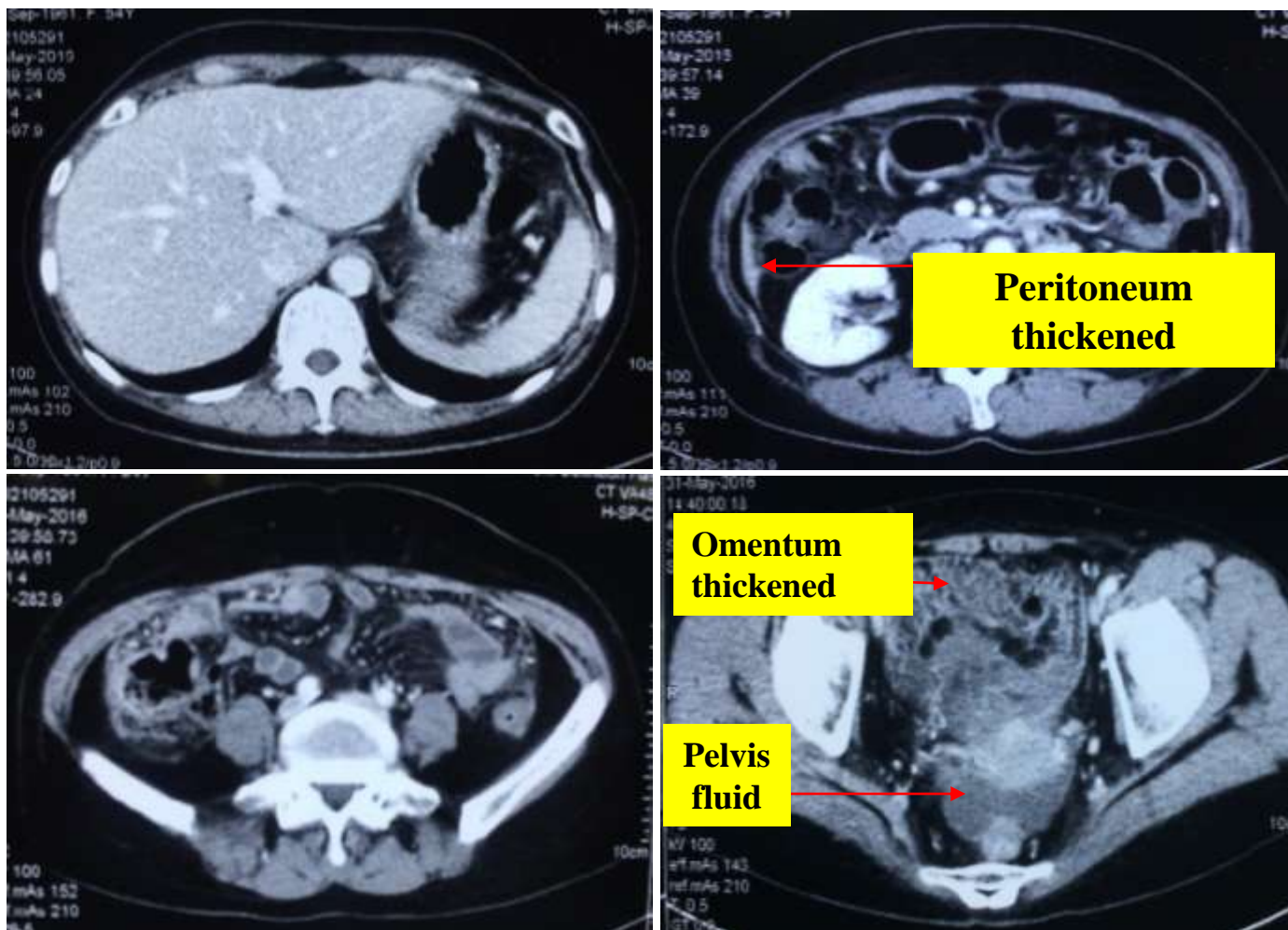
pelvic ultrasonography: inflammatory fluid

Treated for indigestion, anti-inflammation regimens

Case Presentation

□ 2016-05-30 Peking Union Hospital:

afternoon fever, 37.8°C, body weight loss, abdominal tenderness



Case Presentation

Questions:

1.Diagnosis?

2.Treatment?

Case Presentation

□ 2016-06-03 Peking Union Hospital:

PE: T 38.5, abdominal pain

uterus fixed with small intestines attached

ovaries normal size

pelvic fluid increased

ESR **101** ↑ mm/h,

CA125 **63.4** ↑ U/ml,

hsCRP **157.39** ↑ ng/L

Anti-tuberculosis treatment

Case Presentation

□ 2016-07-28 PKU Hospital:

Fever 38.9 C

Ultrasonography: abdominal and pelvic fluid

CA125, 48.1 ↑ U/ml.

Anti-tuberculosis treatment

Case Presentation

□ **2016-08-10 PLA Hospital:**

**Ultrasonography: ovaries enlarged, omentum cake,
ascites, abdominal multiple nodules**

Ultrasound guided biopsy

Tissue pathology: malignant mesothelioma

Pemetrexed + cisplatin Chemotherapy: deterioration

Question:

What should be done next?

Case Presentation

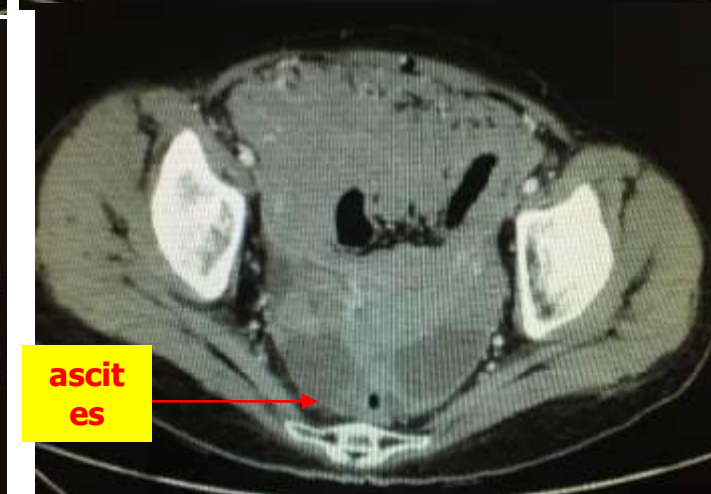
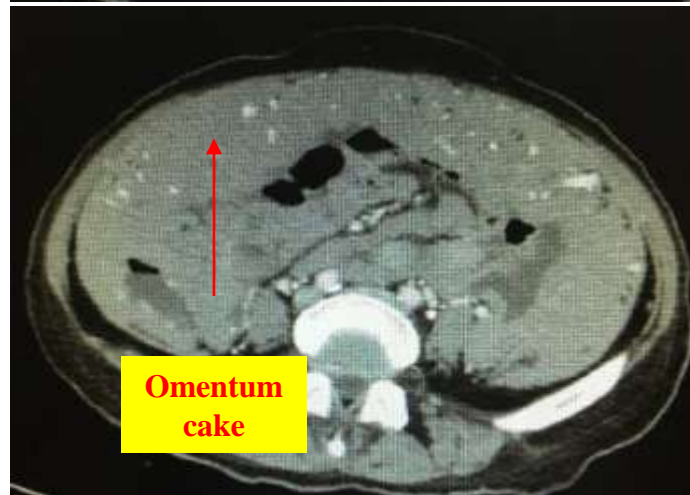
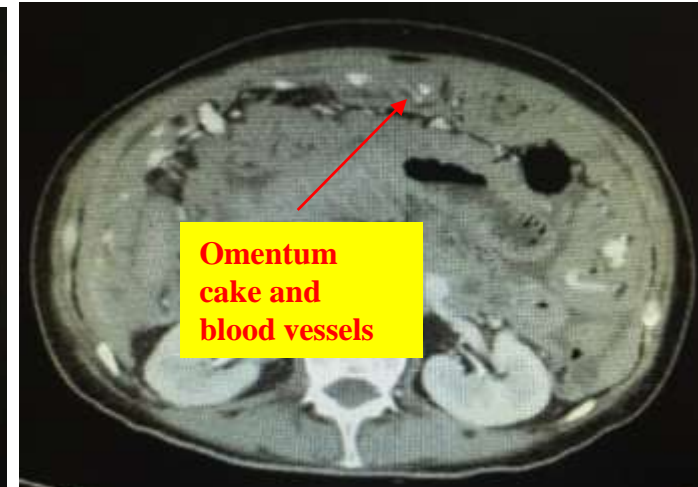
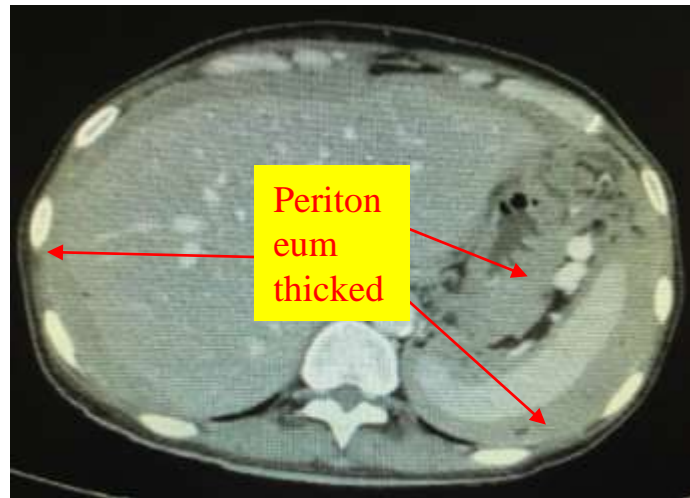
□ 2016-08-29 Referred to Beijing Shijitan Hospital

CA125 71.1 ↑ U/ml, CA199 50.51 ↑ U/ml。

□ WBC 20.99×10^9 ↑ ↑ /L, HB 83 ↓ g/L, PLT 930×10^9 ↑ ↑ /L。

Case Presentation

□ 2016-09-02 abdominal and pelvic CT



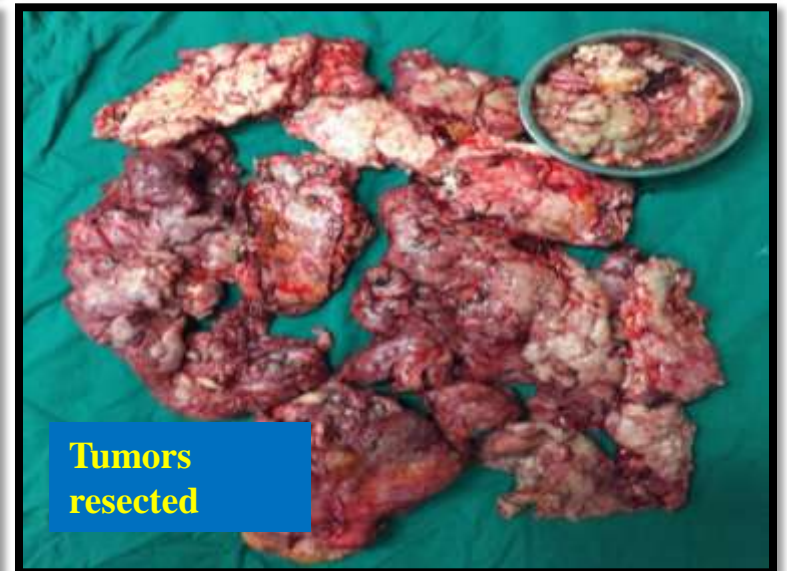
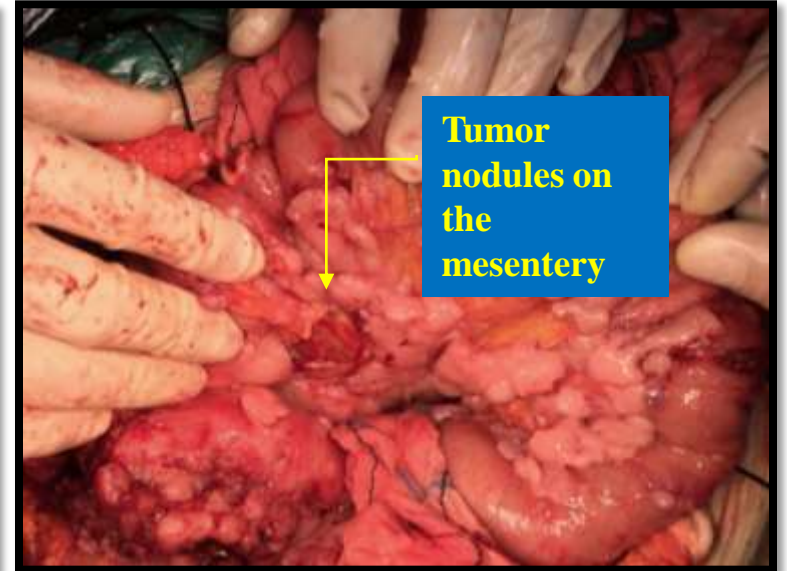
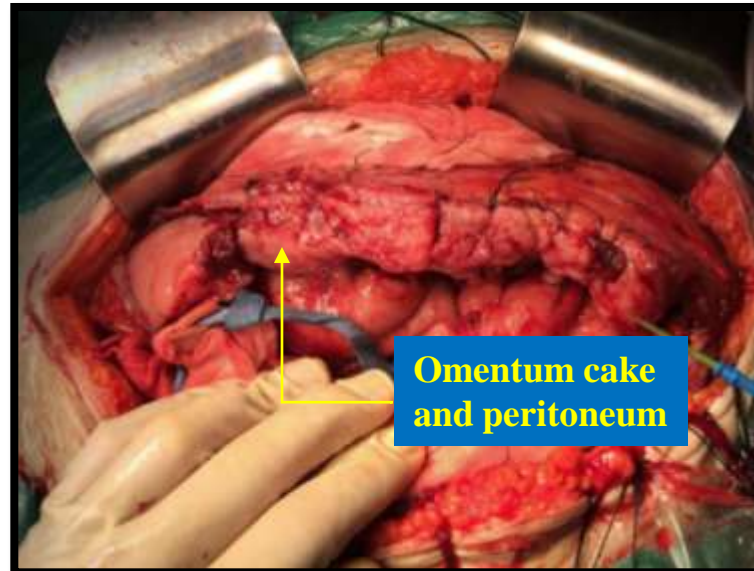
Case Presentation

□ 2016-09-06 Radiography



Case Presentation

- ❑ 2016-09-07 CRS + HIPEC
- ❑ Omentum
- ❑ Simoid-rectum-uterus-ovaries
- ❑ Right colonectomy
- ❑ Transverse colostomy
- ❑ HIPEC: DDP, decetaxel
- ❑ PCI 39
- ❑ CC 2
- ❑ Time: 950 min.
- ❑ bleeding: 3000 ml.
- ❑ Transfusion: RBC 10 U,
- ❑ plasm 1000l



Case Presentation

- **On systemic chemotherapy:**

- **Pemetrexed + cisplatin**

- **8 cycles**

- **Anti-angiogenesis therapy:**

- **Avastin**

- **2017-06-30 disease progression**

Key Message

- ❑ Malignant mesothelioma: increasing in China**
- ❑ Misdiagnosis still a big problem**
- ❑ Conventional therapy does little effect**
- ❑ CRS+HIPEC a recommended treatment**
- ❑ Education campaign need to promote early diagnosis**

Thank you for your attention!



Li Yan : liyansd2@163.com