

**S P C**

2015/4/25 一般外科 郭禎明 醫師

# GENERAL DATA & CHIEF COMPLAINT

- 姓名: 000
- 年齡: 65
- 性別: 女
  
- CC: RUQ and epigastric pain for ½ day

# PRESENT ILLNESS

- RUQ off and on for a long time, gall stones
- Epigastric pain and RUQ pain radiated to back for ½ day
- Came to our ER (2015/3/30)
- PE: RUQ and epigastric tenderness  
    Sono-Murphy's sign(+)
- Bedside sonography (ER): gall stones with wall thickening and distention of the gall bladder

# LABORATORY DATA

2015/3/30

CBC				
WBC		6.8	10 <sup>3</sup> /uL	4.0 - 10.0
RBC		4.68	10 <sup>6</sup> /uL	3.70 - 5.50
HGB		14.6	g/dL	11.3 - 15.3
HCT		42.4	%	33.0 - 47.0
MCV		90.6	fL	80.0 - 100.0
MCH		31.2	pg	25.0 - 34.0
MCHC		34.4	g/dL	30.0 - 36.0
PLT		172	10 <sup>3</sup> /uL	130 - 400
DIFF				
NEUT%		67.0	%	40.0 - 75.0
LYMPH%		25.5	%	20.0 - 45.0
MONO%		7.3	%	2.0 - 10.0
EO%	L	0.1	%	1.0 - 6.0
BASO%		0.1	%	0 - 1

Glucose AC	H	157	mg/dL	70 - 110
Creatinine		0.76	mg/dL	0.44 - 1.27
eGFR		81		> 60
備註：此公式估算GFR,對GFR<=60的病人較準確,當>60時易高估病患腎功能,須同時參考其他工具評估。				
Na		139	mmol/L	136 - 144
K	L	3.2	mmol/L	3.6 - 5.1

Lipase		25.9	U/L	22.0 - 51.0
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# LABORATORY DATA

2015/3/30

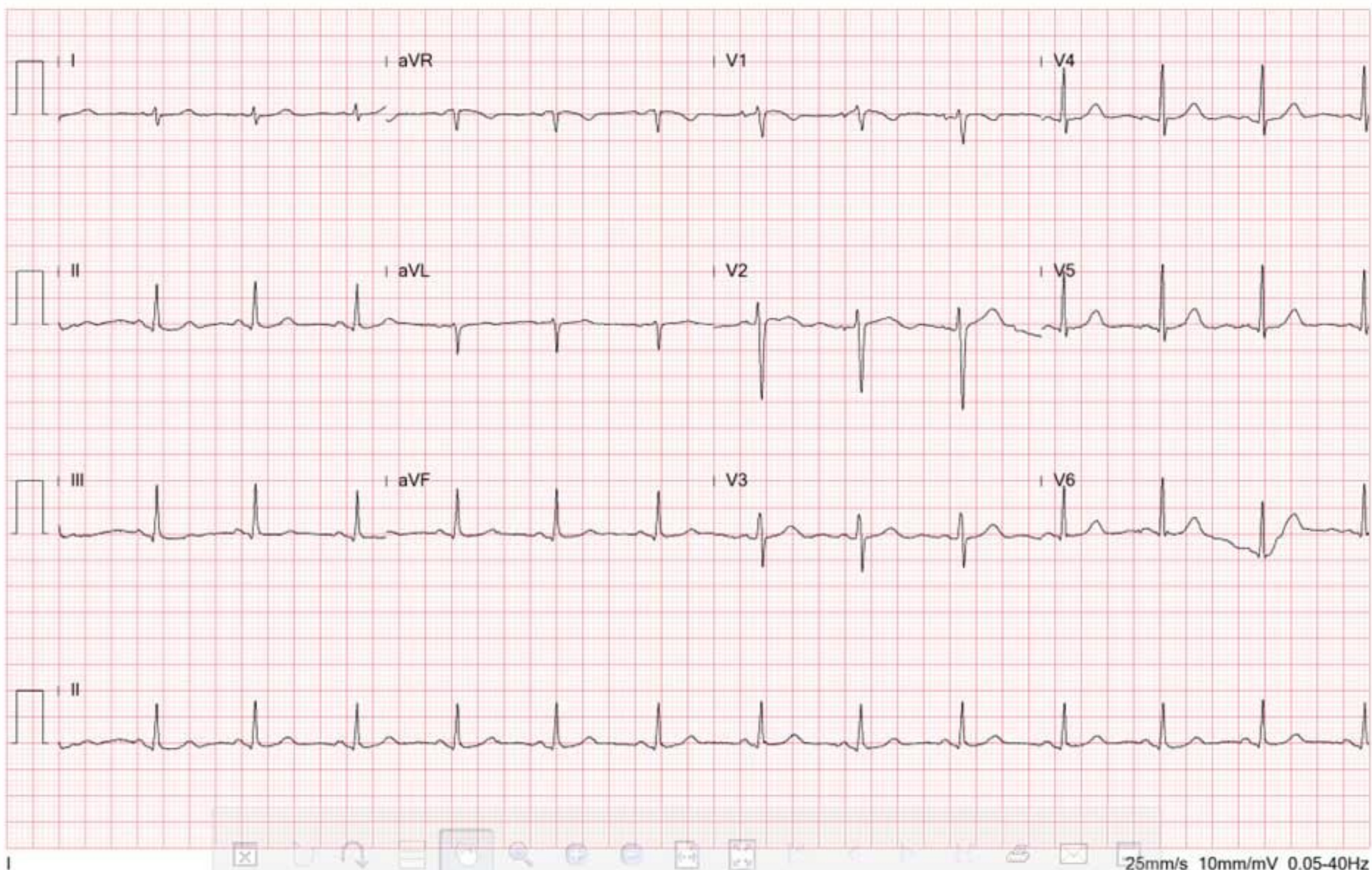
Troponin組套				
Troponin-I		< 0.017	ng/mL	< 0.056

Blood gas analysis				
PH	HH	7.626		7.35 - 7.45
備註： × 超過危險值範圍				
PCO2	LL	18.1	mmHg	32.0 - 45.0
備註： × 超過危險值範圍				
PO2	H	130.4	mmHg	75.0 - 100.0
HCO3act	L	18.4	mmol/L	21.0 - 28.0
BE(ect)	L	-2.7	mmol/L	-2.0 - 3.0
ctco2		42.5	mmol/L	
O2SAT	H	99.5	%	95.0 - 98.0

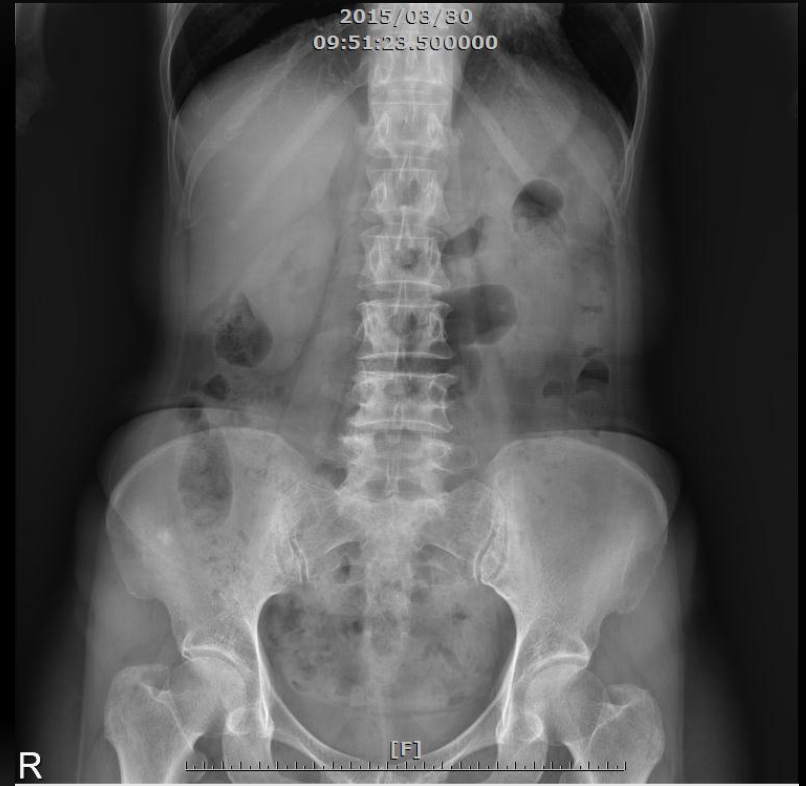
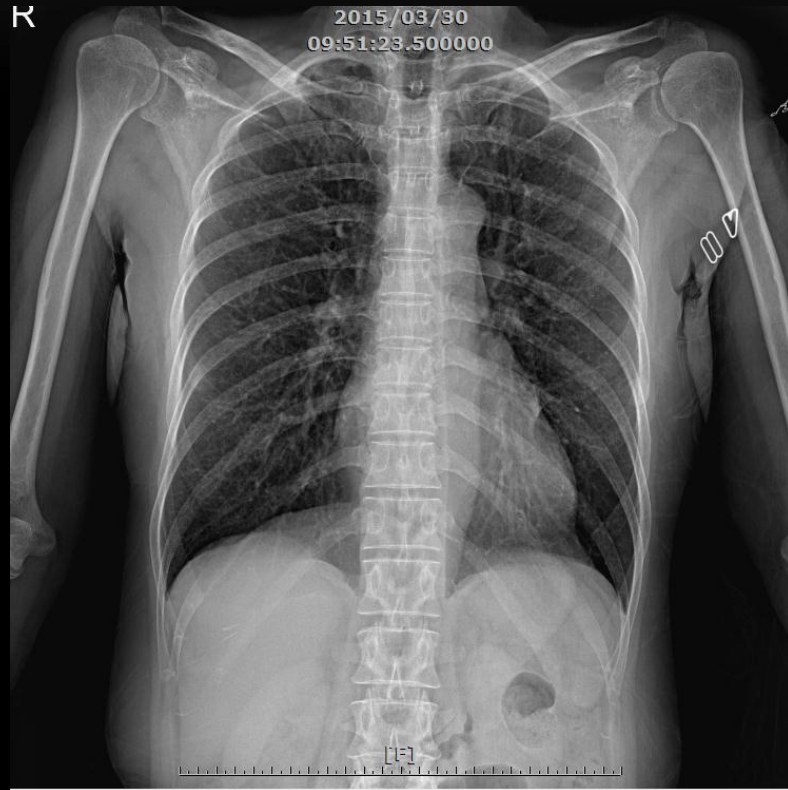
Patient ID: XXXXXXXX  
Order Number: 2015033  
Age: 65 Years  
Sex: F  
Name: 000  
Comment: 8121

2015/04/01 08:46:25  
Vent rate: 78 BPM  
PR int: 126 ms  
QRS dur: 82 ms  
QT/QTc: 378 / 411 ms  
P-R-T axes: 62 87 44

sinus rhythm  
Transcribed By : 9150 王權章, Date : 2015/04/02 12:01:05  
Reviewed By : 9307 馮文楷(中心專醫字S1056號), Date : 2015/04/05 18:49:03



# IMAGE STUDIES



2015/3/30 Admission



# LABORATORY DATA

2015/3/31

Glucose AC	H	122	mg/dL	70 - 110
BUN		12.3	mg/dL	8.0 - 20.0
Creatinine		0.53	mg/dL	0.44 - 1.27
eGFR		123		> 60
備註：此公式估算GFR,對GFR≤60的病人較準確,當>60時易高估病患腎功能,須同時參考其他工具評估。				
Albumin	L	3.0	g/dL	3.5 - 4.8
Total Bilirubin		0.52	mg/dL	0.4 - 2.0
Direct Bilirubin		0.19	mg/dL	0.10 - 0.50
AST	H	63	IU/L	5 - 50
ALT		45	IU/L	5-50
γ-GT	H	76	IU/L	7.0 - 50.0
Alkaliphosphatase		80	IU/L	38-126
Amylase	H	806	U/L	28 - 100
備註： 檢體已重測兩次。				
Lipase		25.1	U/L	22.0 - 51.0
Ca	L	7.6	mg/dL	8.5 - 10.1
Na		139	mmol/L	136 - 144

PT				
Prothrombine time		11.0	sec	8.0 - 12.0
MNPT		10.5	sec	
PT INR		1.05		0.85 - 1.15
APTT				
APTT	H	36.7	sec	23.9 - 35.5
APTT control		28.0	sec	

AFP		2.7	ng/mL	≤ 20
CEA		2.6	ng/mL	MRR
備註：Non-smokers(20-69歲) ≤ 3.8 Non-smokers(40-69歲) ≤ 5.0 Smokers(20-69歲) ≤ 5.5 Smokers(40-69歲) ≤ 6.5				
CA125		9.5	U/mL	≤ 35
CA199		2.1	U/mL	≤ 27

# GI EVALUATION

- UGI endoscopy
    - Erosive gastritis, low body and antrum
    - Reflux esophagitis, LA grade A
  - Abdominal sonography
    - Gall bladder sludge with acute cholecystitis
    - R/O adenomyomatosis of gall bladder
    - Mild fatty liver
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# IMAGE STUDIES

# DIAGNOSIS

- Gall stones and sludge with acute cholecystitis
- R/O gall bladder adenomyomatosis, tumor growth?

# PRE OPERATIVE MANAGEMENT

- NPO with iv fluid supply
- Antibiotics treatment:
- Pre-operative evaluation
- Consult GI and infection
- Persisted pain, prepare for operation in 2015/4/01

# OPERATION

## OPERATIVE FINDINGS

1. Irregular wall thickening of the distended gall bladder with congestion and easy bleeding, compatible with acute cholecystitis.
  2. Tiny gall stones and sludge in the gall bladder.
  3. A 3cm induration in the gallbladder fundus with calcification appearance, frozen sections: malignancy.
  4. Multiple lymph nodes enlargement in the hepatoduodenal ligament and liver hilum.
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# OPERATION

## OPERATIVE PROCEDURES

1. Partial hepatectomy, segment 4-5
  2. Open cholecystectomy
- Frozen sections: malignancy

# POST OPERATIVE HOSPITAL COURSE

## LABORATORY DATA

		2015/03/31	2015/04/02	2015/04/04	2015/04/08	2015/04/13
<b>CBC</b>						
WBC	10 <sup>3</sup> /uL		H 10.2	5.2	6.3	5.2
RBC	10 <sup>6</sup> /uL		3.70	L 3.64	L 3.55	3.72
HGB	g/dL		L 11.2	L 10.9	L 10.8	11.3
HCT	%		L 32.5	L 32.1	L 31.7	33.8
MCV	fL		87.8	88.2	89.3	90.9
MCH	pg		30.3	29.9	30.4	30.4
MCHC	g/dL		34.5	34.0	34.1	33.4
PLT	10 <sup>3</sup> /uL		151	182	326	385
<b>DIFF</b>						
NEUT%	%		H 85.1	63.3	55.5	61.8
LYMPH%	%		L 9.3	27.3	33.1	28.2
MONO%	%		5.6	9.0	H 10.9	8.8
EO%	%		L 0.0	L 0.2	L 0.3	1.0
BASO%	%		0.0	0.2	0.2	0.2
Prothrombin time	sec	11.0				
MNPT	sec	10.5				
PT INR		1.05				
APTT	sec	H 36.7				
APTT control	sec	28.0				



# POST OPERATIVE HOSPITAL COURSE

## LABORATORY DATA

		2015/3/31	2015/4/02	2015/4/04	2015/4/08	2015/4/13
BUN	mg/dL	12.3	L 6.0	L 7.6	L 3.0	8.6
Creatinine	mg/dL	0.53	0.40	0.48	0.54	0.56
γ-GT	IU/L	H 76	H 68	H 65	H 57	49
Amylase	U/L	H 806	H 911	H 307	H 236	H 204
Lipase	U/L	25.1	31.0	H 72.7	H 162.6	H 98.1
Na	mmol/L	139	L 131	L 133	L 134	138
K	mmol/L	L 3.3	3.7	L 3.3	3.6	3.8
Total Bilirubin	mg/dL	0.52	0.60	0.63	0.55	
Direct Bilirubin	mg/dL	0.19	0.23	0.17	0.16	
AST	IU/L	H 63	H 172	H 80	21	
ALT	IU/L	45	H 62	43	18	
Alkaline phosphatase	IU/L	80	72	66	56	
CPK	IU/L		H 775	H 657	68	
Glucose AC	mg/dL	H 122	110	107		
Ca	mg/dL	L 7.6	L 7.3	L 7.6		
Cl	mmol/L	106	L 99	L 97		
Albumin	g/dL	L 3.0	L 2.6			

# POST OPERATIVE HOSPITAL COURSE

## LABORATORY DATA

		2015/4/13
HBsAg	IU/mL	0.00
Anti-HBs	mIU/mL	660.8
Ani-HBc	S/CO	0.63

# PATHOLOGY

- Adenosquamous carcinoma, moderately-differentiated, 2x1.5x0.5cm in fundus, tumor invaded to subserosa
- Lymph node, pericyclic duct, metastatic carcinoma
- Lymph node, 12p and liver hilum: fat necrosis, pancreatitis considered
- Liver: no tumor involvement
- pT2N1

# FINAL DIAGNOSIS

- Gall bladder cancer (adenosquamous carcinoma)
- pT2N1, cT2N1M0, stage IIIb