

A 44-Year-old Female Patient Presented with Upper Abdominal Pain

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1. Case presentation
2. Diagnosis: Klaskin tumor type IIIa with invasion of cystic duct and CBD
3. Therapy and Clinical course: 2007년 4월 RUQ pain으로 내원하여 시행한 CT, ERCP상 klaskin tumor type IIIa, cystic duct and CBD invasion 소견을 보여 본원에서 수술 권유 받았으나 전원 원하여 퇴원하였다. 서울성모병원에서 open surgery 시행하였으나, lymph node metastasis 소견을 보여 GB resection만 시행하였으며, 수술 당시 CBD biopsy상 adenocarcinoma였다. 이후 항암치료 4cycle 시행하였으며 general condition 저하로 항암치료를 중단하였다. 2007년 9월, 건양대학교병원에서 cyberknife 4회 받았으며, 2008년 일본에서 면역치료를 받았다(NKcell 배양). 2010년부터 2012년까지 2년간 재발이 없는 상태로 본원 외래에서 추적관찰 하였으며, 2012년 9월 본원에서 시행한 CT, ERCP상 common hepatic duct와 right main intrahepatic duct 부위의 wall thickening이 보여 본원에서 수술을 받았고, klaskin tumor의 재발로 확진되었다. 이후 환자는 7 cycle의 항암치료를 받았고, 현재까지 재발의 소견이 없는 상태로 외래 추적관찰 중이다.
4. Conclusion: Klaskin tumor, cystic duct and CBC invasion, lymph node metastasis 환자가 palliative operation, chemotherapy, NKcell 면역치료 이후 재발없이 경과관찰 중인 증례

Key Words: Klaskin tumor, NK cell, Chemotherapy

2007년 4월

F/44

➤ Chief complaint:

RUQ pain for 2 months

➤ Present illness:

2개월 지속된 상복부 통증으로 다른 병원에서 시행한 US 및 CT에서 distal CBD obstruction이 있어 전원됨

➤ Past medical history: unremarkable

➤ Social history: abstinent, non-smoker

➤ Review of systems: unremarkable

➤ Physical examination: mild tenderness over RUQ

➤ Initial lab findings

– CBC 6,100-12.1-229k

– AST/ALT 46/33 IU/L, T-bilirubin 1.0 mg/dL

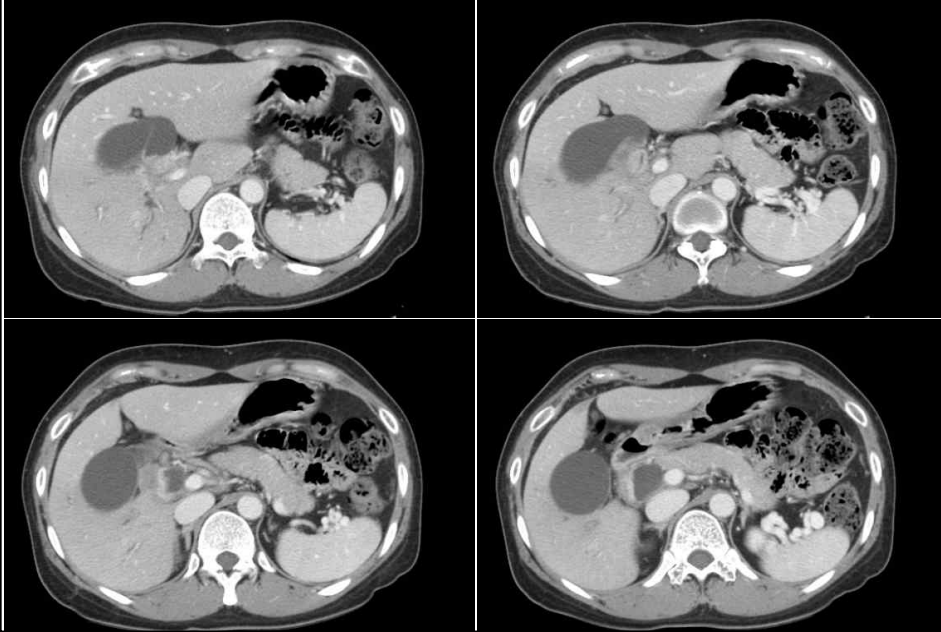
– ALP/r-GT 602/216 IU/L

– CA 19-9 <0.6 U/ml

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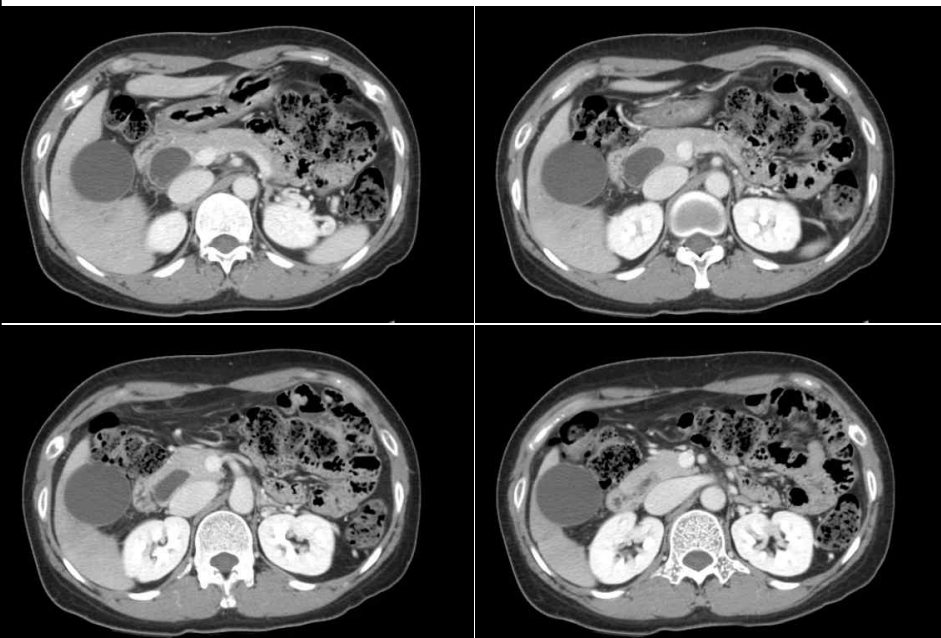
2007-04-15

1. Probable CHD cancer (Klatskin tumor, type IIIa)
2. Invasion of cystic duct & probably CBD
3. Choledochal cyst, Todani type Ia



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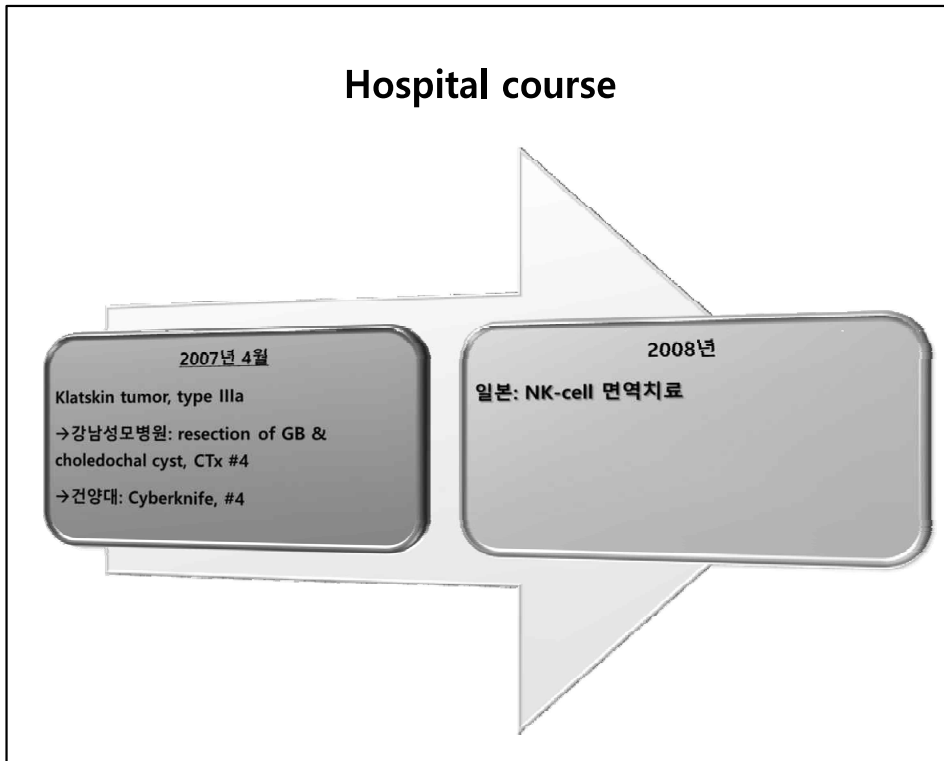
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2007-04-16

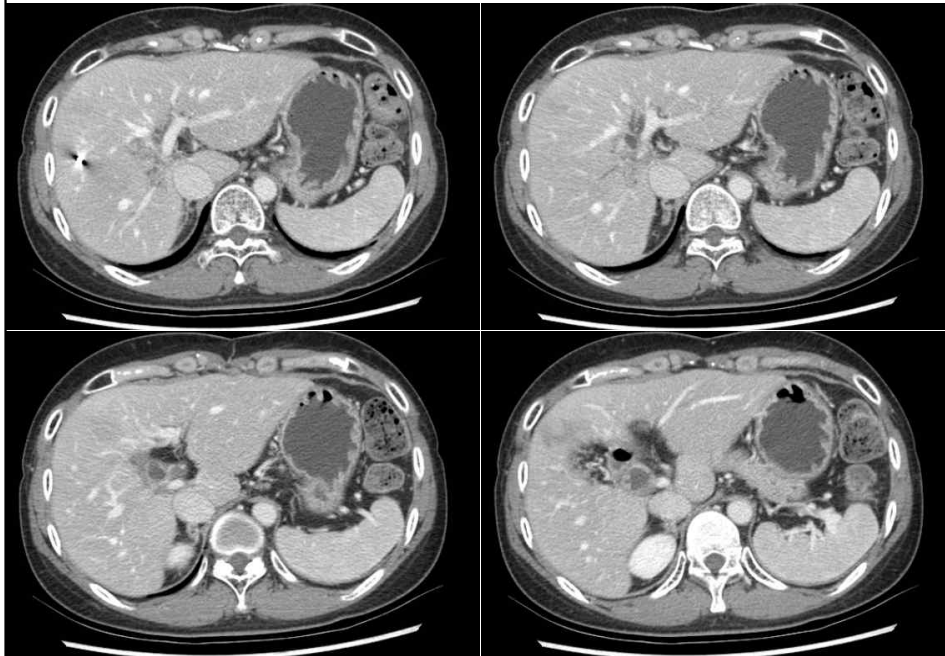
1. Choledochal cyst, type I.
2. Main bile duct cancer, CHD.
3. Abnormal union biliary-pancreatic junction.





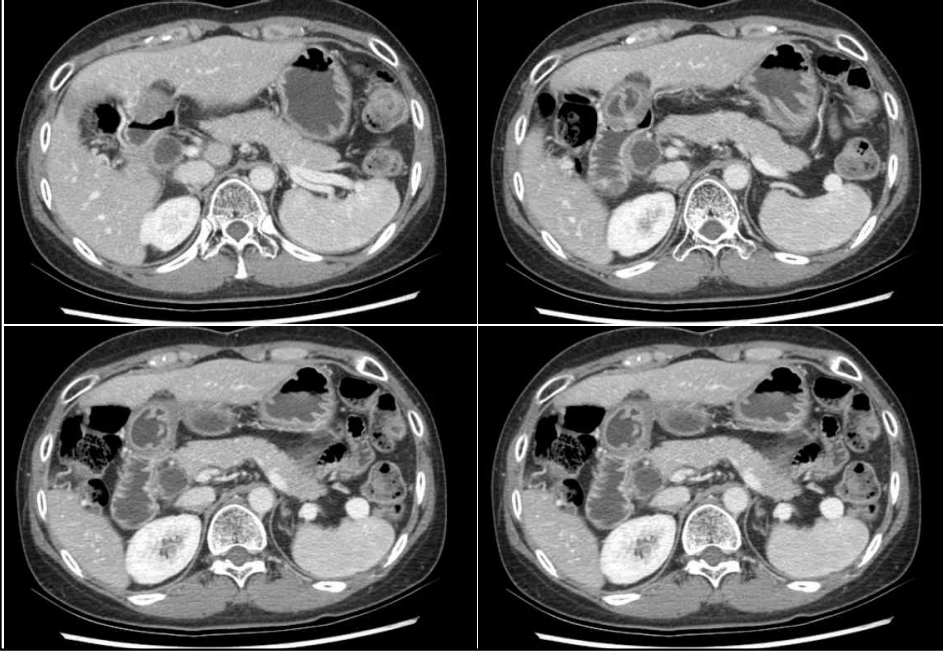
2010-01-16

1. No definite evidence of tumor recurrence.
2. Mild dilatation of the central intrahepatic ducts.



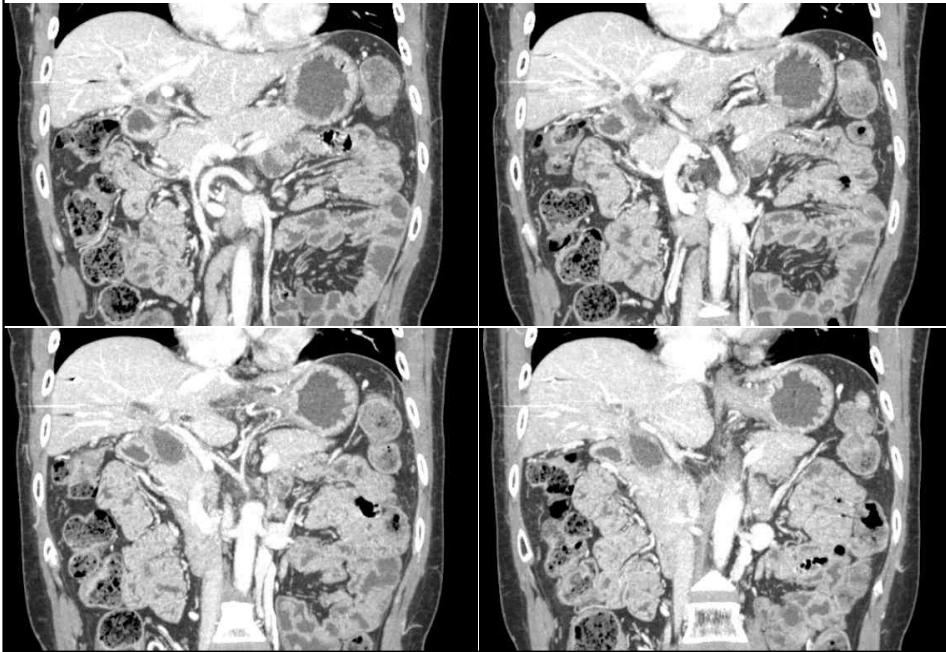
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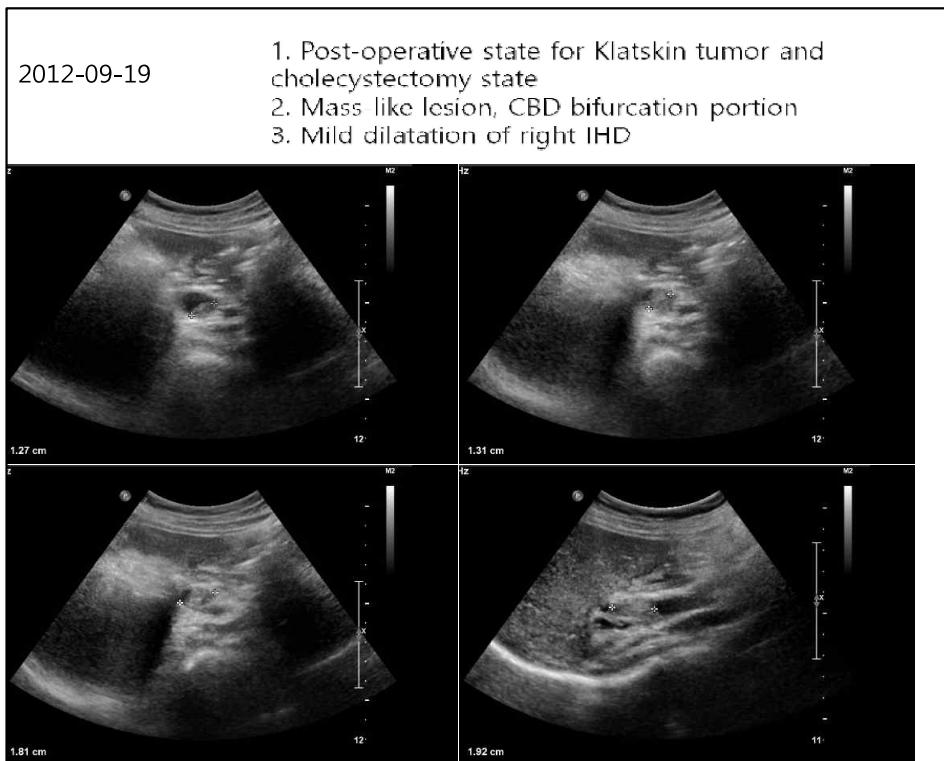
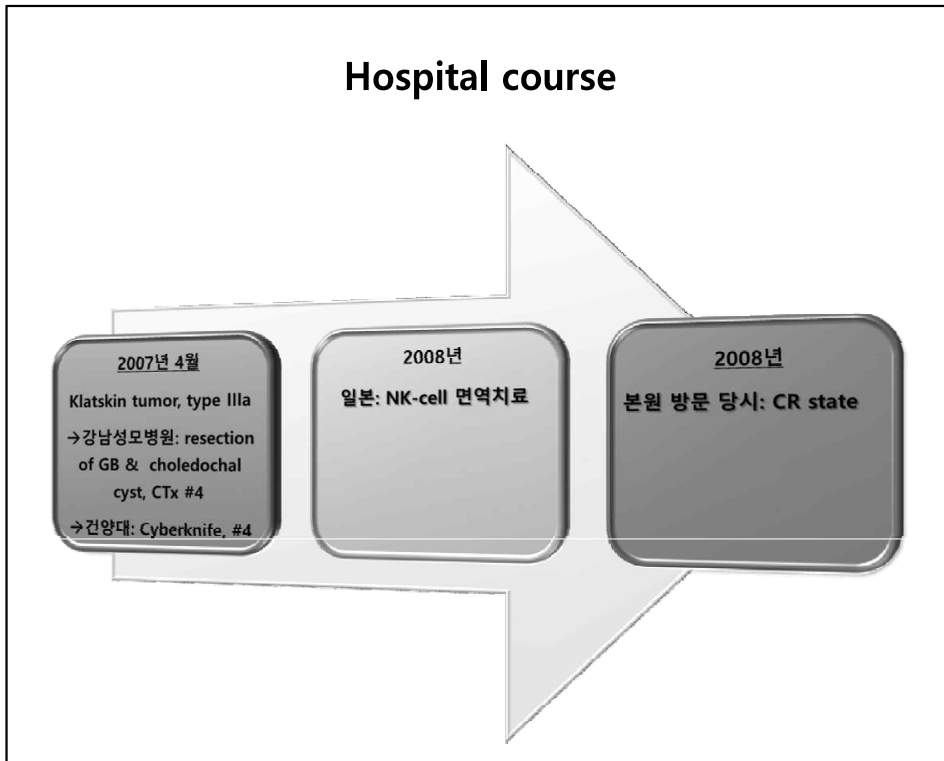
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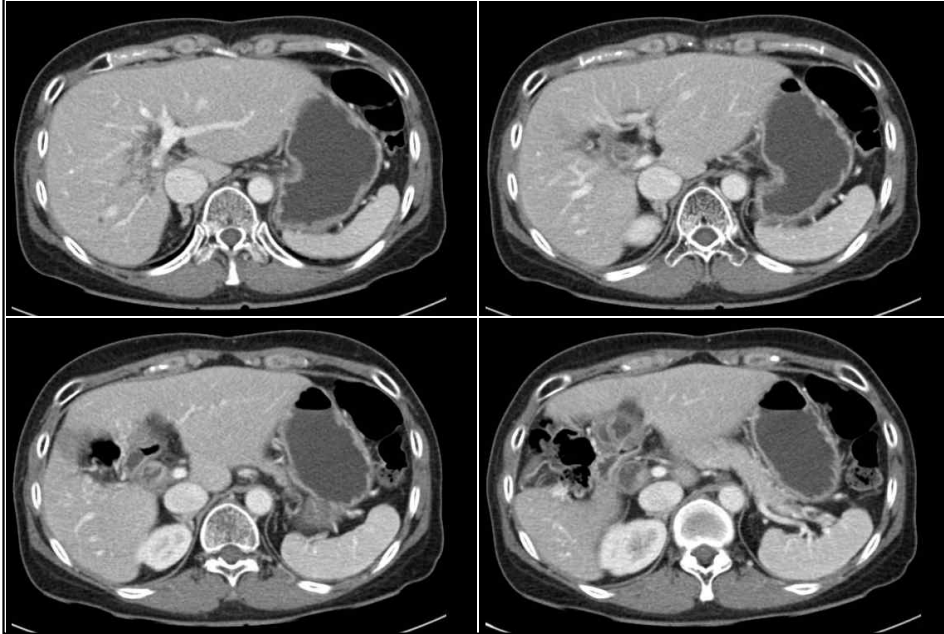
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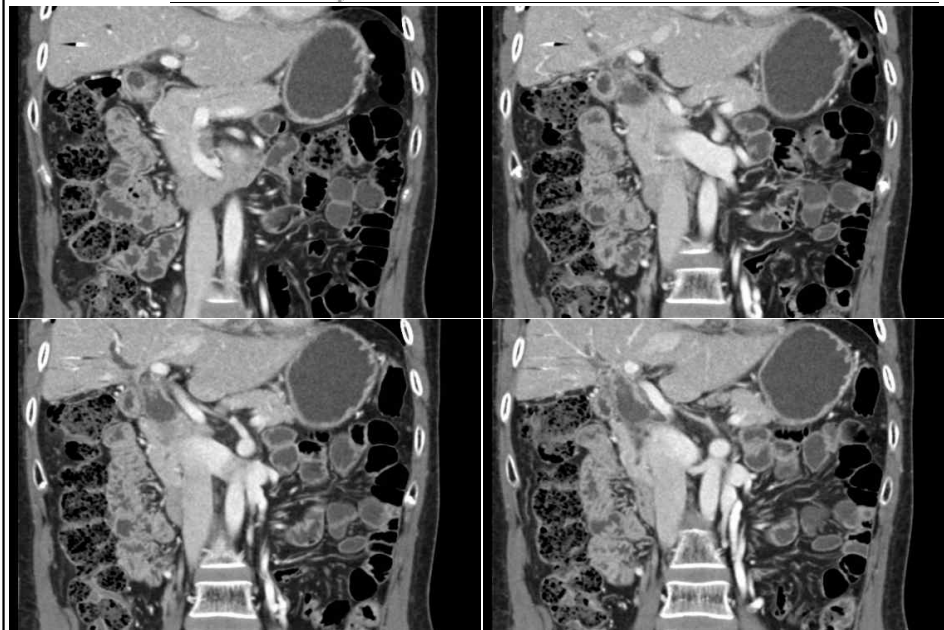
2012-09-21

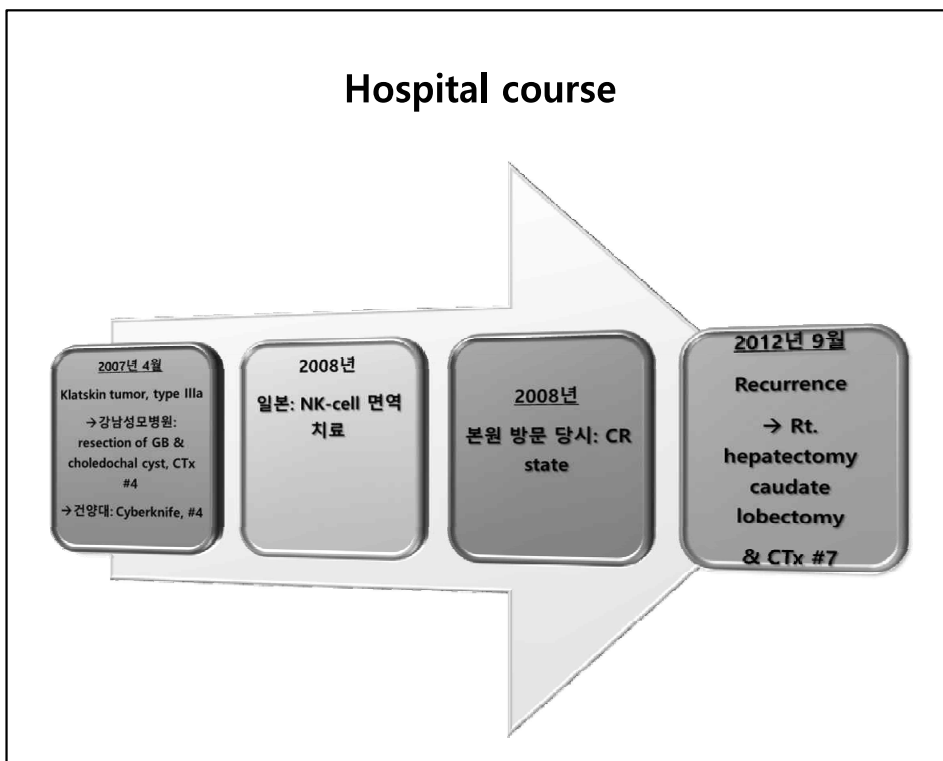
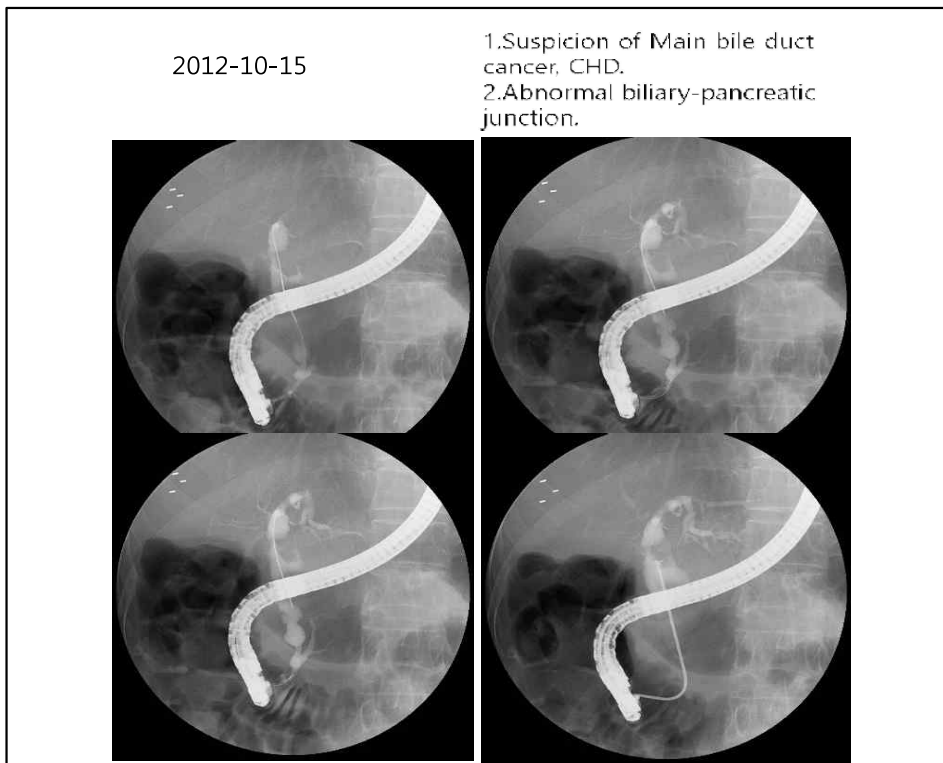
1. Sludge-like material within the remnant extrahepatic duct
2. Mild dilatation of the central intrahepatic ducts, without interval change



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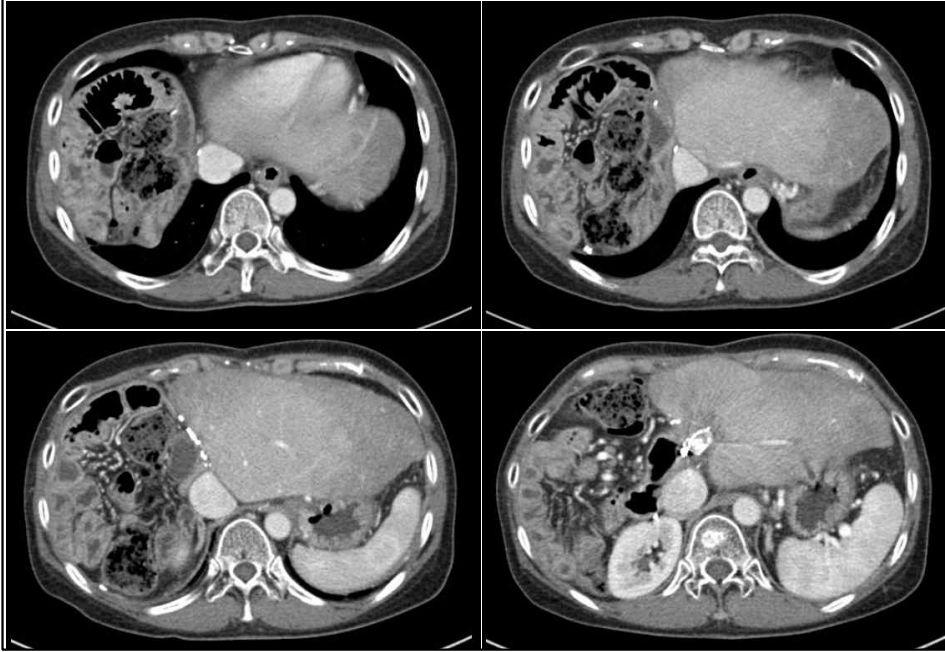
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2014-05-29

No evidence of tumor recurrence



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