

ANSWERING REVIEWERS

Aug 5, 2013

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: CASE REPORT.docx).

Title: Cholangiocarcinoma developed in a patient with IgG4-related disease

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Name of Journal: *World Journal of Gastrointestinal oncology*

ESPS Manuscript NO: 4200

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

(1) Reviewer 02444977

This reviewer pointed "But it will be better if add more discussion about the difference between primary sclerosing cholangitis and IgG4-related sclerosing cholangitis especially on the mechanism that maybe involve to the cholangiocarcinogenesis". In PSC, the lymphocytic infiltration is dominant near the lumen of extrahepatic bile duct followed by erosion and damage of the surface epithelium. And Zen Y et al. suggested a multistep carcinogenesis from biliary intraepithelial neoplasia (BillIN: equivalent to biliary dysplasia). While, as for IgG4-related sclerosing cholangitis, the inflammation and fibrosis is seen in the whole layer of extrahepatic bile duct. The surface epithelium is less damaged as compared with PSC. Kamisawa T et al. suggested frequent and significant *k-ras* mutation in the pancreas, the bile duct and gallbladder in autoimmune pancreatitis, although no relationship with carcinogenesis is known. We described these points in discussion.

(2) Reviewer 00069105

This reviewer pointed "The main problem is the previous publication of the case by Radiology Department". We report this case as attending doctors clearly. The Radiology Department and the Paper(Rinsho-hoshasen) allowed us to report this case as attending doctors. The Radiology Department reported this case concerning interesting CT and MRI findings.

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Gastrointestinal oncology*.

Sincerely yours,

Akitoshi Douhara

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