Oral Session (Oral presentations categorized by each organ)

O1 – 2 – 5

NLR OF PRO-CRYOABLATION CAN PREDICT THE PROGNOSIS OF PATIENTS WITH ADVANCED HEPATOCELLULAR CARCINOMA

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Inflammatory response is related to tumor inhibition that has been reported by researches. Neutrophils and lymphocytes ratio (NLR) is one of the evaluation indexes. NLR can reflect the whole body inflammatory response. It has been considered as one of the tumor prognostic factors. Studies in patients with lung cancer, colon cancer, gastric cancer etc. have confirmed that high NLR can reflect inflammation respond and is related to clinical staging and survival, and prognosis malignant tumor patients with high NLR is poor. Researches about relation of NLR and prognosis of hepatocellular carcinoma are seldom. This study is to analy clinical material of patients of advanced hepatocellular carcinoma in hospital, and to explore the predictive value of NLR of preoperative cryoablation for advanced hepatocellular carcinoma.

Objective: Neutrophils and lymphocytes ratio (NLR) is one of the evaluation inflammation indexes. It has been regarded as one of the prognostic factors of Hepatocellular carcinoma. This study is to explore the relationship with the prognosis of advanced Hepatocellular carcinoma with NLR of preoperative cryoablation.

Methods: It is a retrospective clinical study about 150 cases with advanced hepacelluar carcinoma in our hospital in 2008-2009. We analy the NLR of preoperative cryoablation and explore the relationship between NLR and survival of patients with hepacelluar carcinoma.

Results: It is found that child - pugh grading, portal vein tumor thrombus, preoperative NLR, tumor differentiation are related with survival of patients with advanced hepacelluar carcinoma through the single factor analysis. By multiariable COX survival analysis found that NLR of preoperative cryoablation, child - pugh grading, tumor differentiation are risk factors for patients with advanced hepacelluar carcinoma survival.

Conclusion: NLR of preoperative cryoablation can be used to judge the prognosis of patients with advanced hepacelluar carcinoma.