

**EP146****Dose severity of acute cholecystitis related to post operative visceral pain?****YOUNG IL CHOI**¹, JI HOON JO¹, HYUNG HWAN MOON¹, HYUNG JOO CHUNG², DONG HOON SHIN¹¹*Surgery, Kosin University Gospel Hospital, Korea*²*Anesthesiology and pain medicine, Kosin University Gospel Hospital, Korea*

Introduction : The purpose of this study was to assess the correlations between post operative visceral pain after laparoscopic cholecystectomy(LC) and the severity of acute cholecystitis(AC) using the Parkland grading scale(PGS).

Methods : A total of 138 patients with AC between 19 and 86 years of age classified according to PGS were assessed. All patients evaluated for post operative visceral pain by measuring the use of analgesics over time in a patient-controlled analgesia(PCA) pump.

Results : High PGS grade was positively correlated with the amount of PCA during post operative two hours($P<0.05$).

Conclusions : For the patient with AC in this study, correlations of post operative visceral pain and severity of AC were positive. The PGS is helpful to control post operative visceral pain differently depending on severity of AC.

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