

**EP121****QUALITY OF LIFE AFTER REPAIR (HEPATICO-JEJUNOSTOMY) FOR POST-CHOLECYSTECTOMY BILE DUCT INJURY****Rohit DHAWAN**, Prof. Vinay KAPOOR \**Surgical gastroenterology, SGPGI, LUKNOW, India*

**Introduction :** Health-related quality of life (QoL), physical component score (PCS) and mental component score (MCS), was assessed for bile duct injury sustained at cholecystectomy

**Methods :** using SF-36 in 119 patients at least 24 months after repair (hepatico-jejunostomy), 50 patients who underwent uneventful cholecystectomy at least 24 months ago were controls. Effect of age, sex, type (laparoscopic, open, laparoscopic converted-to-open) of cholecystectomy, pre-repair interventions, endoscopic, and surgical, number of pre-repair interventions, Bismuth type of biliary stricture, post-repair complications, need for intervention in the follow up, total number of operations required, total duration of hospitalization on QoL was studied.

**Results :** Age >50 years (n=25) (PCS, MCS 44,51 vs 66,70 in <30 vs 61,62 in 30-50; p<0.001, 0.018), need for pre-repair intervention (n=102) (MCS 61 vs 75; p=0.01), post-repair Clavien-Dindo III, IV complications (n=8) (PCS, MCS 46,50 vs 64, 68; p=0.03, 0.04), need for post-repair surgical intervention (n=28) (PCS, MCS 49,54 vs 60,63; p=0.004, 0.01) and need for reHJ in follow up (n=16) (PCS 44 vs 59; p=0.12) adversely affected QoL. Patients (n=15) who did not require pre-repair intervention, did not have post-repair complication and did not require intervention in follow up had better QoL (PCS 63 vs 51, MCS 82 vs 56, p<0.03) than those (n=32) who required pre-repair intervention, had post-repair complication, required intervention in follow up

**Conclusions :** QoL is compromised, even after repair of BDI at biliary center; Older patients, those who required pre-repair (HJ) interventions, had post-repair (HJ) complications, required post-repair (HJ) surgical intervention and required reHJ in follow up

Corresponding Author. : **Prof. Vinay KAPOOR** ( [vkkapoor.india@gmail.com](mailto:vkkapoor.india@gmail.com) )

Presenter : **Rohit DHAWAN** ( [drrohitdhawanigmc@gmail.com](mailto:drrohitdhawanigmc@gmail.com) )