

**EP134****Bile leakage from Subvesical Bile duct (Duct of Luschka) after laparoscopic cholecystectomy****YOUNG-MIN KIM**, GUN-HYUNG NA, IL-YOUNG PARK**Surgery, Bucheon St. Mary Hospital, Catholic University of Korea, Korea*

Introduction : Bile leakage is a serious complication in laparoscopic cholecystectomy. Subvesical bile duct (Duct of Luschka) injury is a secondary major cause of bile duct injury after laparoscopic cholecystectomy.

Methods : Between January 2019 and December 2020, we performed 1269 laparoscopic cholecystectomies in our department. There were 4 cases (0.3%) of subvesical bile duct injury. 1 case was found during operation, the other 3 cases developed abdominal pain after post-operative 3th or 7th days.

Results : In the intra-operative case, the injured duct was closed with endo-clip. There was no post-operative complication. Post-operatively found cases were treated with endoscopic retrograde cholangiopancreatography(ERCP) . However, ERCP failed (2), continuous bile leak and abdominal pain (1) developed. Re-laparoscopy(2) and exploratory laparotomy(1) performed.

Conclusions : During operation, meticulous observation of the gallbladder fossa should be performed after cholecystectomy. If bile leak has found post-operatively, ERCP with biliary stenting is effective. If ERCP fails, surgical treatments required.

A surgeon should be aware of this anomaly of the bile duct and know about the prevention and the managements.

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