

13th International Conference on**Pediatric Gastroenterology Hepatology & Nutrition**3rd International Conference on**Digestive and Metabolic Diseases**

October 22-23, 2018 Berlin, Germany

Post cholecystectomy biliary leakage; overview causes and management**Khaled Mahran**

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Bile leakage is an infrequent but serious complication after cholecystectomy either laparoscopic or open. It carries high morbidity and mortality rates, posing impaired quality of life along with substantial financial burdens to patients and the society in general. We shall revise the causes underlying this challenging problem, how to avoid injuries and common methods in treatment. Common causes of post cholecystectomy bile leakage are; Insecure closure of the CD, Disrupted closure of the CD, Iatrogenic bile Duct Injury. 6 main strategies have been standardized to avoid biliary injury during cholecystectomy, 1. Infundibular technique, 2. Dome-down technique, 3. Critical view of safety approach, 4. Routine intra-operative cholangiography (I.O.C.), 5. Recognize when the dissection is approaching a zone of significant risk. 6. Get help from another surgeon when the dissection or conditions are difficult. We aim to share our results of treating 50 consecutive cases with post-cholecystectomy biliary leakage in a tertiary care hospital in the last 4 years.

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