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DIVIDED LAPAROSCOPIC CHOLECYSTECTOMY FOR UNUSUAL GALL STONES COMPLICATION OF MIRIZZI'S SYNDROME

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Background: Chronic complications of symptomatic gallstone disease such as Mirizzi's syndrome are rare. The importance and implications of these conditions are related to their associated surgical complications which are potentially serious such as bile duct injury and to the modern management when encountered during laparoscopic cholecystectomy.

Objectives: This research offers a technique to avoid surgical complications in Mirizzi's syndrome cases during laparoscopic cholecystectomy.

Patients and Methods: Between November 2012 and February 2015, 17 patients (12 females and 5 males) with mean age of 51 years (between 29 and 57 years) suffering from Mirizzi's syndrome underwent the divided cholecystectomy. In this technique the gall bladder was divided into two parts above the gall bladder infundibulum. The distal part was dissected for short distance and used to push liver up. The proximal part of gall bladder was cleared from all its contents and reevaluated from inside. Management was achieved according to the stage of disease.

Results: The mean operative time was 70 minutes (between 60 and 90 minutes). No biliary tract obstruction or leakage or stenosis was recorded in this patient group during the period of follow up (18 months).

Conclusions: Divided laparoscopic cholecystectomy is a safe and effective technique to face the unusual gallstones complications (Mirizzi's syndrome).

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