

A prospective study was conducted to assess whether conservative surgery is adequate in the management of the hydatid cysts of the liver without using a scolicidal agent. The patients with liver hydatids admitted in AL Zahrawi Hospital in Misan Govenorate were enrolled during a period of about ten years from February 2001 to September 2010. The total number of patients was 80 (55 women and 25 men). The clinical presentations and surgical managements of liver hydatid cysts and postoperative complications were recorded. 45/80 (56.25%) presented with simple uncomplicated. The majority of patients had single cyst 50/80: in 60/80 of patients the cyst was present in the right lobe. We had 10/80 patient (12.5%) presented with infected hydatid cyst they were presented with fever. 5 patients (6.25%) had intraperitoneal rupture of hydatid cysts. No scolicidal agent was used during the procedures in any patient. Post operative morbidity was seen in 11/45 (24.4%) in uncomplicated cysts while 10/35 (28.4%) in complicated cysts the total recurrence rate 8/80 (10%) 5.2 patients in un complicated cyst 4.4% and 6 patients in complicated cyst 17%. We can conclude that the management of hydatid cysts of liver can be done without using scolicidal agents and does not affect in increasing the recurrence rate, especially in uncomplicated cysts, avoiding the morbidity of scolicidal agent. Postoperative morbidity is more in complicated than uncomplicated cases.