

# Hepatic echinococcosis with thoracic involvement. Clinical characteristics of a prospective series of cases

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**Introduction.** Thoracic involvement (TIHE) is one of the evolutionary complications of hepatic echinococcosis (HE). **Aim.** The aim of this study was to describe the clinical characteristics and postoperative morbidity (POM) of a series of patients with TIHE treated surgically. **Material and methods.** Series of cases of patients treated for TIHE between 2000 and 2014 in the Hospital Regional and Clínica Mayor in Temuco, Chile, with a minimum 12-month follow-up. The outcome variable was ?development of POM?. **Descriptive statistics were used.** **Results.** The series was composed of 37 patients with a mean age of  $53.2 \pm 47.4$  years (51.4% female). Mean cyst diameter was  $19.4 \pm 15.5$  cm, and 75.7% of the lesions were located in the right hepatic lobe. The most frequent surgical technique used for the cyst was subtotal pericystectomy (56.8%); the residual cavity was treated by capitonnage (27.0%) or omentoplasty (21.6%), and a phrenoplasty with or without prosthetic material was performed for the TIHE. Mean hospital stay was  $6.0 \pm 5.7$  days and follow-up was  $61.4 \pm 79.9$  months; a mortality rate of 2.7% (one patient) and a POM of 24.3% (9 patients) were verified. **Conclusion.** TIHE is an uncommon evolutionary complication of HE associated with significant POM rate. © 2017, Fundacion Clinica Medica Sur. All rights reserved.

Echinococcosis

Hepatic hydatid cyst

Hepatic [Mesh]

Hepatothoracic transit

Hydatidosis [Multi]

Morbidity

adolescent

adult

aged  
Article  
capitonnage  
Chile  
clinical article  
clinical feature  
controlled study  
cystectomy  
female  
follow up  
hospitalization  
human  
length of stay  
liver hydatid cyst  
liver injury  
liver lobe  
male  
mortality rate  
omentoplasty  
phrenoplasty  
prospective study  
prosthesis material  
surgical technique  
thorax disease  
treatment outcome  
liver hydatid cyst

lung hydatid cyst

middle aged

mortality

parasitology

postoperative complication

risk factor

time factor

very elderly

young adult

Adolescent

Adult

Aged

Aged, 80 and over

Chile

Echinococcosis, Hepatic

Echinococcosis, Pulmonary

Female

Humans

Length of Stay

Male

Middle Aged

Postoperative Complications

Prospective Studies

Risk Factors

Time Factors

Treatment Outcome

