

The transpleurodiaphragmatic laparoscopic approach of rear dome liver cysts

A.D. Sabău¹, D. Bratu¹, A. Dumitra¹, C. Luputiu¹, A. Popentiu², M. Antonescu¹, F. Grosu³, A. Șanta², A. Boicean⁴, M. Sava⁵, D. Sabău¹

¹Clinica Chirurgie 2, Spitalul Clinic Județean de Urgență, Universitatea "Lucian Blaga", Facultatea de Medicină "Victor Papilian"

²Secția Chirurgie, Spitalul Militar de Urgență Sibiu, România

³Clinica Radiologie, Spitalul Clinic Județean de Urgență, Universitatea "Lucian Blaga", Facultatea de Medicină "Victor Papilian"

⁴Clinica Medicală 1, Spitalul Clinic Județean de Urgență, Universitatea "Lucian Blaga", Facultatea de Medicină "Victor Papilian"

⁵Clinica ATI, Spitalul Clinic Județean de Urgență, Universitatea "Lucian Blaga", Facultatea de Medicină "Victor Papilian" Sibiu, România

Abstract

The localizations of liver cysts in the posterior hepatic dome (segment VII) and the hydatid cysts in particular, difficult to approach in "conventional" open or laparoscopic surgery, with significant parietal sacrifices and "demolition", requires a secure atypical laparoscopic approaching way, with positive results for both patient and surgeon, with minimal impact, with social and professional reintegration and faster healing. Transpleurodiaphragmatic laparoscopic approach using "Device for aspiration of liver hydatid cyst or ovarian cyst (OSIM 120809/30.04.2008 Patent – Dan Sabau) asociated with the remarcable performances of the fragmentation device for hydatid cyst content (OSIM Patent no. 120810/30.04.2008 - Dan Sabau) is the best way to approach these problems, accessible for surgeons with minimum experience in laparoscopic and thoracic surgery. (1,2) The relatively low number of cases allows only formulation of preliminary positive conclusions on the method, they will be validated by sub-sequent results.

Key words: hepatic cyst, laparoscopy, transpleurodiaphragmatic, segment VII

Correspondență:

Dr. Alexandru – Dan Sabău
Spitalul Clinic Județean de Urgență Sibiu
Clinica Chirurgie 2
Bd. C. Coposu nr. 2-4, Sibiu, România
E-mail: alx_sabau@yahoo.com