

## Sciatic Palsy with Thigh Hydatidosis

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### Keywords:

Hydatid; Cyst; Thigh

### Clinical Image:

A patient of 62-year-old was referred to our center because of a painful posterior left thigh swelling associated with paresthesias of common fibular and tibial nerves areas.

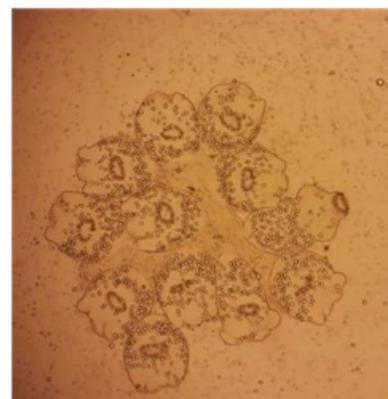
MRI had permitted to identify three contiguous cystic formations extended over the lower 2/3 of the thigh, with multi vesicular content and regular walls, they push back and separate the hamstring muscles and produce a trilobed mass extended over a height of 21 cm (Figure 1).

Our Patient underwent total surgical removal of all cystic formations, combined with a washing with the use of hypertonic saline solution; the sciatic nerve was in direct contact with the cystic formations which compress it and appearing flattened.

Diagnosis was made postoperatively on cytological study with presence of particulate material containing scolices with dispersed retractile hooklets (PAS and acid fast positive), and bits of the laminated membrane with parallel striations (Figures 2).



**Figure 1:** Biological diagnosis of hydatid involvement was strongly suspected on the base of serological examinations (Western Blot and ELISA).



**Figure 2:** Medical treatment using Albendazol was performed for 03 postoperative months. No pain and no recurrence were observed after 03 years of clinical and radiological monitoring, functional recovery was completely achieved.