

**P0185 Extrahepatic and extrapulmonary hydatidosis: uncommon sites**

Fatma Hammami<sup>1</sup>, Koubaa Makram<sup>1</sup>, Houda Ben Ayed<sup>2</sup>, Khaoula Rekik<sup>1</sup>, Tarek Ben Jemaa<sup>1</sup>, Fatma Smaoui<sup>1</sup>, Chakib Marrakchi<sup>1</sup>, Mounir Ben Jemaa<sup>1</sup>

<sup>1</sup> Department of infectious diseases, Hedi Chaker University Hospital, SFAX, Tunisia, <sup>2</sup> Community Health and Epidemiology Department, Hedi Chaker University Hospital, SFAX, Tunisia

**Background:** Hydatidosis affects commonly the liver and the lungs. However, any organ or soft tissue can be affected. We aimed to study the epidemiological, clinical and the outcome of patients with unusual sites of hydatid cyst (HC).

**Materials/methods:** We reported a retrospective study including all patients hospitalized for hydatidosis in the Infectious Diseases Department between 1990 and 2017. Patients with hepatic or pulmonary hydatidosis were excluded.

**Results:** Totally, we identified 22 patients among them there were 13 women (59.1%). The mean age was  $46 \pm 19$  years old. Twenty patients (90.9%) came from rural area, 12 patients had a pet dog (54.5%) and 7 others were sheep farmers (31.8%). The kidney was the most common site of HC (10 case; 45.5%) followed by the spleen in 5 cases (22.7%). Both heart and soft tissues are involved in 4 cases (18.2%). Bone, pancreatic and cerebral HC were noted in 2 cases (9.1%) in each case. Multifocal hydatidosis was noted in 9 cases (40.9%). Hydatid serology was positive in 15 cases (68.1%). Imaging showed cystic lesions. All patients received drug therapy with albendazole and 13 patients had surgical resection (59%). The outcome was marked by the occurrence of healing in 5 cases (22.7%). Otherwise, the cyst size decreased in 7 cases (31.8%) and was stabilized in 5 cases (22.7%). We noted 3 relapsing cases (13.6%).

**Conclusions:** Hydatidosis may affect any organ of the body and it is often symptomless. Hydatid serology and imaging were a great benefit for its diagnosis to prevent complicated forms.

