

Losev A.A., Bazhora Yu.I., Burygin V.N., Melnichenco V.A. Rare forms of the echinococcosis in children – World Congress of Pediatric Surgeons, Zagreb, Croatia – 24-27 June 2004

RARE FORMS OF THE ECHINOCOCCOSIS IN CHILDREN

Among 92 children with hydatid cysts of different localization, who has been operated in Odessa between 1998-2002, there were 12 children (13%) with rare forms of echinococcosis. A brain was affected in 2 children, greater omentum – 1 case, spleen – 1, subcutaneous fat – 2, direct abdominal muscle – 1, muscles of the forearm – 1, diaphragm – 1 case. 2 children had multiple echinococcosis of the liver (more than 24 cysts). 1 child had 13 hydatid cysts in the right lung.

Children with brain echinococcosis complained of the headache and had neurologic deficit. Cysts of the muscles and subcutaneous fat were palpated. Diagnosis of the echinococcosis has been specified during ultrasonography, computer tomography, magnetic resonance imaging, immunoferment analysis. These methods are effective for diagnosis of the viscera cysts.

All children were operated. Hydatid cysts of the brain, spleen and diaphragm were treated with echinococcectomy. Pericystectomy was performed in children with echinococcosis of the muscles and subcutaneous fat. All children has uneventful postoperative period. No recurrence were diagnosed during 1–5 years after operative treatment.