Primary Orbital Hydatid Cyst

A 5-year-old girl presented with painless proptosis and downward displacement of her left eye for 2 years (Fig 1A). Magnetic resonance imaging demonstrated a large cyst-like retrobulbar mass (Fig 1B). Serology for echinococcosis was negative. After surgical removal by lateral transosseous orbitotomy, histopathology revealed multiple scolices provided with hooklets (Fig 1C and D) adjacent to a thick membrane (Fig 1D, asterisk), consistent with a hydatid cyst of the larval form of the dog tapeworm *Echinococcus granulosus*. Hydatid cysts rarely occur isolated in the orbit. Postoperative therapy included 2 cycles of albendazole for 28 days.

Anna M. LentzsCH, MD
Heike Göbel, MD
Ludwig M. Heindl, MD

1Department of Ophthalmology, University of Cologne, Cologne, Germany; 2Department of Pathology, University of Cologne, Cologne, Germany