

## Ultrasound Diagnostic the Intestinal Duplication Cyst in Children

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### Abstract

We reviewed the cases of intestinal duplication cysts diagnosed over the period from 2004 to 2016 years. Twenty three children were included (average age  $2,11 \pm 0,22$  years, range 3 days – 13 years). In 10 cases enterocysts were identified in the neonatal period, all neonates were full-term. All children underwent a sonography and color Doppler ultrasound study before any surgical procedure. The echographic signs of enterocysts were picked out: «gut signature» – double wall sign, «layered» cyst wall and «Y-configuration» of the cyst wall and the adjacent bowel loop. The possibilities of the echographic study of complicated enterocysts are discussed. The short review of the literature is present.

**Key words:** Ultrasonography, Children, Intestinal Duplication Cyst.

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