

Malrotation of volvulus and intestines

Malrotation is a **disorder of the rotation of the intestine or a disorder of its attachment to the back wall of the abdomen**. The normal intestine rotates counterclockwise. The a. mesenterica sup. acts as the axis of rotation. The unfixed intestine predisposes to **volvulus**(knot of the intestinal hinge) and to obstruction. It is sometimes associated with asplenism or congenital heart defects.

Symptomatology

- Symptoms of acute or recurrent abdomen appear,
- symptoms occur shortly after birth or at any time during the first year of life..

Diagnosis

- On the X-ray we see the distribution of air - missing bubbles in the appendix,
- the rotation disorder is confirmed by irigography .

Therapy

- Surgical..

Links

Related articles

- pylorostenosis congenita
- syndrome arteriae mesentericae superioris
- megacolon congenitum

Source

- BENEŠ, Jiří. *Study materials* [online]. ©2007. [cit. 2010-04]. <<http://www.jirben.wz.cz/>>.

Used literature

- HRODEK, Otto – VAVŘINEC, Jan, et al. *Pediatrics*. 1. edition. Prague : Galén, 2002. ISBN 80-7262-178-5.
- ŠAŠINKA, Miroslav – ŠAGÁT, Tibor – KOVÁCS, László, et al. *Pediatrics*. 2. edition. Bratislava : Herba, 2007. ISBN 978-80-89171-49-1.