

Invaginate Bowel Obstruction Due to Pseudopolip of the Terminal Part of Intestinal (a Case Report)

C. V. Kushnir^{1,2}, M. N. Aref'ev¹, G. P. Pozharova¹, A. I. Mirgorodskaja¹

¹ Main Clinical Hospital of the Ministry of Internal Affairs of Russia, Moscow

² Moscow State University of Medicine and Dentistry named after A. I. Evdokimov, Ministry of Healthcare of Russia, Department of Radiology

Abstract

The rare clinical observation of invagination of the distal part of intestinal due to pseudopolip is presented. The abilities of the radiology methods (such as enterography, irrigoscopy, sonography and computer tomography) in diagnostic of invaginates have been demonstrated. All the radiology studies (except enterography) discovered solid formation in projection of ileocecal valve. Invagination was not conceivable during ultrasonic investigation. The convincing signs of ileum invagination into colon were revealed only in computer tomography. During surgery the cause of intussusception was recognised as colon cancer although according to the date of histological examination pseudopolyps (probably due to the inverted diverticulum) was diagnosed.

Key words: Invaginated Bowel Obstruction, Ileum Pseudopolyps, Bowel Obstruction, Radiology.

References

1. Gancev Sh. H., Akmalov Ju. M., Ajupov R. T., Kalanova A. P., Parfenov A. Ju., Sulejmanov N. M. Intestinal invagination in adults as complication of tumoral pathology. *Rossijskij onkologicheskij zhurnal*. 2009. No. 4. P. 46–48 (in Russian).
2. Clinical surgery. National guidance / V. S. Savel'ev, A. I. Kirienko. V. 1. Moscow, Geotar-Media, 2008. P. 281–283 (in Russian).
3. Kozlova Ju. A., Mumladze R. B., Bulatov N. N., Lebedev S. S., Melkonjan G. G., Olimp'ev M. Ju. Computer tomography in diagnostics of intestinal obstruction. *Moskovskij hirurgicheskij zhurnal*. 2013. No. 5 (33). P. 64–72 (in Russian).
4. Kulikov V. V., Grzhimolovskij A. V. Tumors of a small intestine. *Hirurgija*. 2008. No. 5. P. 65–69 (in Russian).
5. Lebedev A. P. Invagination of intestines. Minsk: Belarus', 1969. 237 p. (in Russian).
6. Legostaeva T. B., Klassovskaja N. Ju. Ultrasonic research in diagnostics of colon impassability. *Vestnik rentgenologii i radiologii*. 2007. No. 4. P. 39–46 (in Russian).
7. Minnullin M. M., Krasil'nikov D. M., Nikolaev Ja. Ju. Diagnostics and surgical treatment in patients with acute intestinal impassability. *Prakticheskaja meditsina*. 2014. No. 2 (78). P. 46–51 (in Russian).
8. Ol'nova E. B., Allahverdiev I. S., Ionov D. V., Dubrovskij V. S. Intestinal polyp as a cause of recurrent intussusception in children (a clinical observation). *Radiologija – praktika*. 2014. No. 5 (47). P. 82–87 (in Russian).

9. *Smakov G. M., Jektov P. V., Kunickij Ju. L.* Benign and malignant tumors of a small intestine. *Vrach.* 2000. No. 4. P. 23–24 (in Russian).
 10. *Snegirev I. I., Mironov V. I., Bashlykov D. V.* Acute intestinal impassability of non-tumoral genesis: diagnostics and treatment. *Sib. med. zhurnal (Irkutsk)*, 2010. N. 8. P. 163–165 (in Russian).
 11. *Kirshstein B., Roy-Shapira A., Lantsberg L., Avinoach E., Mizrahi S.* Laparoscopic management of acute small bowel obstruction. *Surg. Endosc.* 2005. V. 19. P. 464–467.
 12. *Rea J. D., Lockharet M. E., Yarbrough D. E., Leeth R. R., Bledsoe S. E., Clements R. H.* Approach to management of intussusception in adults: a new paradigm in the computed tomography era. *Am. Surg.* 2007. No. 73. P. 1098–105.
-

Authors

Kushnir Konstantin Vital'evich, Ph. D. Med., Head of the Radiological Center, Main Clinical Hospital of the Ministry of Internal Affairs of Russia.

Address: 35, ul. Narodnogo Opolchenija, Moscow, 123060, Russia.
Phone number: +7 (499) 192-08-14. E-mail: kushnyr@yandex.ru

Aref'ev Mikhail Nikolaevich, Head of Morbid Anatomy Department, Main Clinical Hospital of the Ministry of Internal Affairs of Russia.

Address: 35, ul. Narodnogo Opolchenija, Moscow, 123060, Russia.
Phone number: +7 (499) 192-07-13. E-mail: ar.ij@rambler.ru

Pozharova Galina Petrovna, Head of Radiology Department, Main Clinical Hospital of the Ministry of Internal Affairs of Russia

Address: 35, ul. Narodnogo Opolchenija, Moscow, 123060, Russia.
Phone number: +7 (499) 192-08-02. E-mail: erris@yandex.ru

Mirgorodskaja Anna Ivanovna, Proctologist of Proctology Department, Main Clinical Hospital of the Ministry of Internal Affairs of Russia.

Address: 35, ul. Narodnogo Opolchenija, Moscow, 123060, Russia.
Phone number: +7 (499) 942-04-98. E-mail: aimir@mail.ru