

The Wandering Spleen in a Child (Clinical Observation)

E. B. Olkhova¹, Yu. Yu. Sokolov², M. E. Shuvalov³,
M. K. Akopian³, E. M. Krilova³, A. S. Kirsanov³

¹ Moscow State University of Medicine and Dentistry named after A. I. Evdokimov, Ministry of Healthcare of Russia, Department of Radiology

² Russian Medical Academy Postgraduate Education of the Ministry of Healthcare of Russia

³ Moscow Clinical Municipal Children Hospital St. Vladimir

Abstract

The wandering spleen is a rare condition due to extreme laxity or absence of ligaments that fix the organ in its normal anatomical position. Wandering spleen can lead to torsion and subsequent splenic infarction or rupture. We present a rare clinical observation: a 13-year-old girl was admitted without any symptoms (in US was enlargement and displaced spleen in anamnesis). Radiological imaging (US and CT) revealed a enlarged, oval-shaped spleen in lower abdominal position, dilated, and somewhat tortuous splenic vessels. Colour Doppler sonography of the splenic circulation revealed no infarction. A whirl appearance representing the twisted splenic pedicle was seen as CT and US. The hypersplenism was detected. Laparoscopic splenic resection and splenopexy was successfully performed. Post-operative US confirmed the successful surgical fixation of the patient's spleen and partial intrasplenic vascular compromise.

The results of the sonography and different ray research methods and the short review of the literature is present.

Key words: Ultrasonography, Children, Wandering Spleen.

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Authors

Olkhova Elena Borisovna, M. D. Med., Professor of Department of Radiology, Moscow State University of Medicine and Dentistry named after A. I. Evdokimov, Ministry of Healthcare of Russia.
Address: 9a, Vucheticha ul., Moscow, 127206, Russia.
Phone number: +7 (495) 611-01-77. E-mail: elena-olchova@bk.ru

Sokolov Yuri Yurievich, M. D. Med., Professor, Head of the Chair of Children Surgeon, Russian Medical Academy Postgraduate Education Ministry of Healthcare of Russia.
Address: 2/1, Barrikadnaia ul., Moscow, 127206, Russia.
Phone number: +7 (499) 268-43-53. E-mail: sokolov-surg@yandex.ru

Shuvalov Mikhail Ehdvardovich, Chief Abdominal Surgery Department Moscow Clinical Municipal Children Hospital St. Vladimir, Moscow, Russia.
Address: 1/3, Rubtsovsko-Dvortsovaia ul., Moscow, 107014, Russia.
Phone number: +7 (499) 268-89-14. E-mail: 10xo@mail.ru

Akopian Manvel Karapetovach, Surgeon of Abdominal Surgery Department of Moscow Clinical Municipal Children Hospital St. Vladimir, Moscow, Russia.
Address: 1/3, Rubtsovsko-Dvortsovaia ul., Moscow, 107014, Russia.
Phone number: +7 (499) 268-89-14. E-mail: manvelak@ya.ru

Krilova Elena Mikhailovna, Children Sonologist of Ultrasound Diagnostic Department of Moscow Clinical Municipal Children Hospital St. Vladimir, Moscow.
Address: 1/3, Rubtsovsko-Dvortsovaia ul., Moscow, 107014, Russia.
Phone number: +7 (499) 268-83-87.

Kirsanov Aleksey Sergeevich, Children Surgeon-Neonatonogist of Neonatal Surgery Department, Moscow Clinical Municipal Children Hospital St. Vladimir, Moscow.
Address: 1/3, Rubtsovsko-Dvortsovaia ul., Moscow, 107014, Russia.
Phone number: +7 (499) 268-88-73. E-mail: alkirsan@yandex.ru