

Ultrasound Diagnostic the Iliopsoas Abscess in a Newborn (Clinical Observation)

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Abstract

Iliopsoas abscess (IPA) is a rare disease in neonates that can cause serious complications. We present a clinical case of bilateral iliopsoas abscess in 19-day neonate. The pathology have been diagnosed with sonography. Thepercutaneous surgical draining of purulent collections was performed, postoperative period was uneventful. The results of the echographic study and the short review of the literatureis present.

Key words: Ultrasonography, Newborns, Iliopsoas Abscess.

References

1. *Ol'khova E. B.* Ultrasound diagnostics of the diseases of iliolumbar muscles in newborn. *Ultrazvukovaja i funkcionalnaja diagnostika.* 2004. No. 2. P. 131–135 (in Russian).
2. *Ishibashi H., Oshio T., Sogami T., Nii A., Mori H., Yada K., Shimada M.* Iliopsoas abscess in an infant. *J. Med. Invest.* 2014. V. 61. No.1–2. P. 213–216.
3. *Kei S., Takanori Ya., Yoshiaki I., Kazuto Yo., Masaki F., Naoyuki K., Hiroshi I.* Case series of iliopsoas abscesses treated at a university hospital in Japan: epidemiology, clinical manifestations, diagnosis and treatment. *Intern. Med.* 2015. V. 54. No.17. P. 2147–2153.
4. *Patel R., Pimpalwar A., Hutton K.* Primary neonatal iliopsoas abscess. *J. Pediatr. Surg.* 2013. V. 1. No. 2. P. 11–13.
5. *Shields D., Robinson P., Crowley T. P.* Iliopsoas abscess – a review and update on the literature. *Int. J. of Surg.* 2012. V. 10. No. 9. P. 466–469.
6. *Takada T., Terada K., Kajiwara H., Ohira Y.* Limitations of using imaging diagnosis for psoas abscess in its early stage. *Int. Med.* 2015. V. 54. No.20. P. 2589–2593.

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