



EUROPEAN PAEDIATRIC SURGEONS' ASSOCIATION

ABSTRACT SUBMISSION

7th EUROPEAN CONGRESS OF PAEDIATRIC SURGERY MAASTRICHT THE NETHERLANDS

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Title: APPENDIX MASS IN CHILDREN
Aim: To improve results of conservative treatment of appendix mass in children by intensified local antibiotic therapy.
Method: Clinical, paraclinical (ultrasound, intestinophonography), laboratory methods of investigations were used. 59 children at the age from 7 to 15 years with appendix mass were investigated. The control group consisted of 22 children with appendix mass treated traditionally (intensive care, general antibiotic therapy, symptomatic therapy, rectal candles and microenemas). The referent group included 37 children with appendix mass, in witch standard treatment was intensified with regional antibiotic therapy. The developed tactic of local antibiotic therapy foresaw 2 stages: 1 - retroperitoneal introduction of antibiotics + local electrophoresis, 2 -retroperitoneal introduction of antibiotics + local low intensive infrared laser therapy. ~~via~~
Results: The comparative analysis showed, that after the usage of intensified local antibiotic therapy according to elaborated tactic clinical and paraclinical settings vanished faster, purulent complications were prevented. In control group opening an appendix abscess was performed in 3 patients. In all cases appendectomy was carried out at a later date.
Conclusion: The usage of regional retroperitoneal antibiotic therapy in asso-ciation with local electrophoresis and local low intensive infrared laser therapy in complex treatment of children with appendix mass allowed to avoid purulent complications, reduced terms of treatment.
Figure: none
Category: General Paediatric Surgery
Presentation Forms: Short Oral presentation;
EUPSA young investigators award: no

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