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**New monograph ‘Diagnostics, treatment and prevention of diseases of the pancreas in children’**

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**Key words:** pancreas, diseases in children, diagnostics, treatment, prevention

Content of the new monograph on diseases of the pancreas in children is presented. This monograph would be useful for the pediatricians, gastroenterologists, family doctors, internship doctors and students.

Monograph «Diagnosis, treatment and prevention of pancreas diseases in childhood" Y. G. Antypkina, A. G. Tsypkuna, I. C. Lembryk devoted to clinical features and course of disease of the pancreas in childhood, modern aspects diagnostics, treatment and rehabilitation of children and adolescents with pancreas diseases. Highlights of the new data to the domestic and foreign – researcher, as well as their own clinical observations, which allowed to significantly expand the idea of the etiology, pathogenesis, progression and prevention of pancreas illnesses in children age. Special attention is focused on the issues of terminology, clinical features, neurosplanchnic status changes, improving methods of diagnosis and secondary prevention of chronic pancreatitis in children of different age groups. Widely represented treatment contemporary approaches to therapy complex and prevention of chronic pancreatitis in view of the major risk factors.

The monograph is designed for pediatricians, gastroenterologists, family physicians, interns and students of educational institutions of III-IV accreditation levels.

## **Monograph content**

### List of abbreviation

#### Introduction

Chapter1. Anatomical and physiological characteristic of the pancreas in ontogeny.

1.1. Pancreas characteristic in ontogeny

1.2. Pancreas physiology

Chapter2. Prevalence, etiology and pathogenesis of pancreas diseases in childhood and adolescence

2.1. Prevalence of pancreas disease in childhood

2.2. Etiology and pathogenesis of pancreas diseases

2.3. Pancreas disease diagnostic at a current stage

Chapter3. Diagnostic, clinical manifestations and course of chronic pancreatitis in children and adolescents

3.1. A history of the present illness and clinical risk factors for chronic pancreatitis in children

3.2. Medical, biological and social risk factors for pancreatitis

3.3. Clinical peculiarities of chronic pancreatitis course in children

3.4. Prediction of chronic pancreatitis in children

Chapter4. Functional condition of the pancreas, liver and intestine in children with chronic pancreatitis

4.1. Condition of exo-and endocrine functions of the pancreas in children with pancreatitis

4.2. The functional condition of the liver and intestine in children with disorders of the pancreas

4.3. Neurosplanchnic regulation peculiarities and indicators of vegetative homeostasis in children with pancreatitis

4.4. The state of peroxidation of lipids and proteins in chronic pancreatitis in children

4.5. The role of antiinflammatory cytokines in the mechanisms of the development and perpetuation of chronic pancreatitis in children

Chapter 5. Treatment of chronic pancreatitis in children

Chapter 6. Catamnesis in children with pancreatitis

Recommended reading

Appendix