

**Entrance exam program
for the postgraduate Ph.D. programme
in CLINICAL MEDICINE (Subject code: 36.06.01)
PEDIATRICS PROFILE**

Pediatrics

Vaccination Complications. Preventive Healthcare for Vaccination Complications. Pancreatic Disease in Childhood. Differential Diagnosis of Rashes in Children. Hemolytic Disease of the Newborn. Hemorrhagic Vasculitis. Emergency Treatment of Acute Cardio-Pulmonary Insufficiency. Vaccination Calendar. Meningitises. Neurogenic Dysfunction of the Urinary Bladder. Functional Disorders of the Upper Gastrointestinal Tract. Evaluation of Neuropsychological Development of a One-Year Old Child. Emergency Care for an Asthmatic Attack (Status). Respiratory Allergies in Young Children. Rheumatism (Stage-By-Stage Course, Preventive Healthcare). Emergency Therapy for Meningitis. Congenital Hypothyroidism. Clinical Manifestations, Tactics. Viral Hepatitis. Emergency Aid under Neurotoxicosis. Features of Feeding Premature Babies. Diabetes. Quincke's Edema. Chronic Eating Disorders in One-Year Old Children. Principles of Treatment of Glomerulonephritis in Children. Emergency Therapy for Hemorrhagic Syndrome. Patronage of a One-Year Old Child. Vegetative-Vascular Dystonia. Emergency Care for Croup Syndrome. Obstructive Syndrome in Children of Early Age. Childhood Intestinal Infections. Emergency Care for Hemophilia A and B. Malnutrition of One-Year Old Children. Zev's Diphtheria. Diagnostics. Dehydration Syndrome. Pneumonia in Newborns: Features of Pathogenesis, Differential Diagnosis and Treatment. Chronic Renal Failure in Children. Infectious Mononucleosis. Purulent-Inflammatory Diseases of the Skin and Subcutaneous Tissue of Newborns. Functional Cardiopathy in Children. Respiratory Viral Infections in Childhood (Influenza, Parainfluenza, HRSV Viral, Adenovirus Infections). Varicella (Chickenpox). Risk Factors for Morbidity in One-Year Old Children. Methods of Diagnosis in Gastroenterology. Polio. Classification and Clinical Manifestations of Ricketts. Allergodermatosis in Children. Tuberculosis. Assessment of Physical Development of a One-Year Old Child. Rheumatism in Children. Measles. Treatment of Acute Bronchopulmonary Diseases (Pneumonia) in Young Children. Gastritises. Risk Groups for AIDS. Principles of Natural Feeding of One-Year Old Children. Rheumatoid Arthritis. Mumps. History of Pediatric Surgery. Features of Pediatric Surgery. Role of Heredity. Anatomical and Physiological Characteristics of a Child's Body. Features of Research Methods of Children with Surgical Diseases. Ultrasound Diagnosis of Malformations that Form the Basis of Urgent Diseases of Childhood. Deontology in Pediatric Surgery (Child, Surgeon, Parents). Features of the Course of Purulent-Septic Diseases in Children. Organization of Cancer Care for Children. General Issues of Pediatric Anesthesia and Resuscitation. Cardiopulmonary Resuscitation-Artificial Ventilation, Artificial Recovery and Maintenance of Cardiac Activity. Organization of Outpatient Treatment of Surgical Patients. Skin, Subcutaneous Tissue. Malformations of the Head and Neck. Cephalohematoma. Traumatic Brain Injury. Malformations: Spinal Hernia. Scoliosis. Fracture of the Spine, Especially Symptoms of Trauma in the Cervical, Thoracic and Lumbar Regions. Malformations of the Chest, Lungs, Heart and Great Vessels, Esophagus. Diaphragmatic Hernia-Anatomical Variants. Bronchiectasis. Purulent Pleurisy. Lung Abscess. Chest Trauma. Foreign Bodies of the Tracheo-Bronchial Tree and Lungs. Perforation of the Esophagus. Stomach. Malformations. Aplasia of Abdominal Muscles. Congenital Fistula of the Navel. Embryonic Hernias. Abdominal Wall Hernias –

Umbilical, White Line, Inguinal. Pylorostenosis. Congenital Intestinal Obstruction. Gastric and Duodenal Ulcer. Acute Appendicitis. Peritonitis. Closed Abdominal Trauma. Limbs. Congenital Hip Dislocation, Congenital Clubfoot, Congenital Malformations of Fingers, Congenital Pseudoarthrosis. Clinic, Diagnosis and Treatment. Osteochondropathy, Osteomyelitis. Birth Injuries in Newborns, Fractures of Clavicle, Humerus and Femur, Slipped Capital Femoral Epiphysis. Traumatic Brain Injury. Injuries of Soft Tissues, Tendons of Fingers, Especially Bone Fractures in Children. Fractures of Lower Limb Bones: Epiphyseolysis of the Femoral Head, Neck Fractures. Fractures of the Tibia, Foot, Fingers. Lower Back, Pelvis, Crotch. Malformations. Endoscopic Methods of Diagnosis and Treatment of Urological Pathology of Childhood.

Recommended literature:

1. Zaprudnov, A. M. Children's Diseases [Electronic resource]: [Textbook for higher vocational education]: in 2 vol. Vol. 1 / A. Zaprudnov, K. Grigoriev, A. Kharitonov. – 2nd updated and revised – Moscow: GEOTAR-Media, 2013. – 768 p.: il.
2. Workshop Textbook on Childhood Diseases [Text]: for carrying out practical classes in the Faculty of Medicine / [R. Artamonov, S. Paunova, V. Smirnov et al.]; ed. R. Artamonov. – Moscow: Vidar-M, 2013. – 310 p.: [36] l. Il.
3. Children's Diseases [Electronic resource]: [textbook for medical schools] / [L. Bazhenova, G. Bayandina, N. Belousova et al.]; ed. A. Baranov. – 2nd ed., updated and revised – Moscow: GEOTAR-Media, 2012. – 1006 p. Il. by
4. Zakharova, K. Outpatient Neonatology [Electronic resource]: Health Development of a One-Year Old Child: practical guidelines for primary health-care pediatricians, general practitioners, family doctors / K. Zakharova, D. Pechkurov, N. Koltsova. – Moscow: Medpraktika-M, 2014. – 296 p. - URL: <http://books-up.ru>
5. Cardiology of Childhood [Electronic resource] M. Belozerov et al.]; ed. A. Tsaregorodtsev [et al.]. – Moscow: GEOTAR-Media, 2014.
6. Pediatric Surgery [Electronic resource]: [Textbook for higher vocational education] / Yu. Zinevich et al.]; ed. Yu. Isakov, A. Razumovsky. – Moscow: GEOTAR-Media, 2015. – 1040 p.
7. Guinot K. Clinical Anesthesia [Electronic resource] / K. Guinot; translated from English under the editorship of Prof. S. Sviridov. – 2nd ed. (el.). – Moscow: BINOM. Laboratoriya Znaniy, 2014. – 304 p.

Internet resources:

<http://okstis.ru/>

<http://www.nnre.ru>