## City Children's Clinical Hospital No. 2 named after V.P. Bisyarina, Budgeted Healthcare Institution of Omsk Region, is the oldest children's hospital in our city, which celebrated its 100th anniversary in December 2021.

The main focus of the Hospital is to provide medical care to children in the sphere of allergology-immunology, pulmonology, rheumatology and pediatric cardiology, in connection with which the Center for Allergology and Immunology and the Center for Pediatric Cardiology and Rheumatology were organized on the basis of the hospital.

The Hospital employs highly qualified doctors who are fluent in modern methods of diagnosis and treatment of rheumatic, allergic diseases, immunodeficiency states, pathology of the cardiovascular system. On the basis of the hospital there is the Department of Pediatrics of the Omsk State Medical University.

The Hospital uses various conditions for provision of medical care: outpatient, including day hospitals, and a round-the-clock hospital.

We offer a wide range of diagnostic services, including: laboratory of clinical immunology, biochemical and clinical diagnostic laboratories, ECG, daily monitoring of ECG, blood pressure, echocardiography, ultrasound examination, MRI, EEG, treadmill test, allergological examination with skin tests, determination of specific IgE antibodies to various types of allergens, pulmonary function test.

The Hospital has created favorable conditions for staying: the polyclinic has a comfortable stay room with a cozy soft zone, a TV set, a playing room; the Hospital departments have single-bed service rooms equipped with necessary appliances.

**The Center for Allergology and Immunology** treats children with bronchial asthma, atopic dermatitis, allergic rhinitis, conjunctivitis, chronic "slow" infections, primary immunodeficiencies, secondary immunodeficiency states. Doctors of the department develop an individual treatment plan for each patient, select a minimum effective dose of drugs, form an individual vaccination scheme and carry out allergen-specific immunotherapy.

The Center for Pediatric Cardiology and Rheumatology provides treatment and rehabilitation of children with congenital heart defects, cardiac arrhythmias, myocarditis, arterial hypertension, arthritis of various etiologies, systemic connective tissue diseases, vasculitis; high-tech assistance is provided in the pediatrics profile, telemedicine consultations are carried out with federal centers.

Within treatment of patients with joint damage, in addition to medication, physiotherapy methods, massage, physiotherapy exercises with use of simulators are widely used, in severe cases, therapy with genetically engineered biological preparations is carried out, which prevents destruction of joints and avoids disability.

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