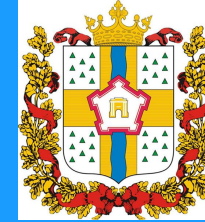


Our contact:



*Ministry of health of the
Omsk region*

*Budget institution of the Omsk
region " Regional children's clinical
hospital»*

*Head physician
Gorbunov Oleg Yurievich
tel.: (3812) 36-22-20
Address: 77 Kuibyshev street,
Omsk
www.oodkb.ru*



**CENTER FOR TREATMENT OF
CEREBRAL PALSY**



CENTER FOR TREATMENT OF CEREBRAL PALSY



A center for inpatient care for children with cerebral palsy has been established on the basis of the psychoneurological Department.

The prevalence of cerebral palsy has remained stable over the past 40 years and is 2-3 per 1000 live-born children, mostly premature.

The Department receives children with the most severe, complex forms of the disease, stratification of convulsions, aggravation of motor disorders, the development of secondary orthopedic complications, and an increase in mental disorders.

The center is provided with highly qualified medical and nursing staff, and modern methods of neurorehabilitation are used. The main goals are the acquisition and preservation of new motor skills by the child, restoration of independence of the child, restoration of neurocognitive abili-

ties, formation of age-appropriate daily functions, prevention of contractures and other secondary orthopedic complications, and relief of pain symptoms.

The key principles of providing care for cerebral palsy are its early start, continuity and continuity of all stages of rehabilitation, a multidisciplinary approach with the participation of a team of specialist doctors.

A multidisciplinary approach is optimal in developing individual rehabilitation tactics for a child with cerebral palsy, while the decision on the necessary treatment approaches will be made taking into account a comprehensive assessment of the condition. In addition to the neurologist, a pediatrician, orthopedist, otorhinolaryngologist, ophthalmologist, physiotherapist, physical therapy doctor, speech therapist, and rehabilitation specialist are involved in the examination and treatment of a child.

In the center is performed as an initial diagnosis, and clarifies the diagnosis. Conducting magnetic resonance 1.5 Tc tomography for hospital patients makes it possible to verify the diagnosis more accurately, predict the rehabilitation potential, and set rehabilitation tasks.

The main goal of rehabilitation programs is to gradually develop skills and abilities, physical and social adaptation. Methods that are applied individually for each child gradually cor-

rect motor defects, develop the patient emotionally, personally and socially, develop skills of independence in everyday life. As a result of systematic rehabilitation, the child can integrate into society and adapt to later life independently.

All children with cerebral palsy in the Department receive complex therapy, some of them metameric drug therapy. Since 2014, the Department has been administering botulinum toxin A (Dysport). The effectiveness of this method is quite high.

Botulinum therapy is included in the Russian standards for the treatment of cerebral palsy, the European consensus for the treatment of cerebral palsy. It is the introduction of Dysport into the muscles to correct local spasticity that makes medical rehabilitation in the Department appropriate to the modern level.

This method, as the leading one for the treatment of spasticity, continues to improve according to new trends in dosage, administration schemes, and multi-level administration of the drug is used.

A comprehensive approach to treatment allowed to achieve improvement in 88 % of cases, despite the aggravation of motor disorders in combination with convulsive syndrome.