HEALTH INVESTMENT COMPANY FOR CHILDREN'S HOSPITAL

BUILDING A NATIONAL CHILDREN'S HOSPITAL STRATEGY



Contents:

1. Main purpose.
2. Guiding principles.
3. Activities at the National Children's Hospital.
4. Health specialists.
5. Occupancy rates.
6. Functional structure.
7. Upcoming deadlines.
8. Funding.
9. Difficulties and ways to overcome them.





1. Main purpose.

Maximally efficient and conscientious implementation of organization and control activities for the construction and commissioning of an Object of National Importance - National Children's Hospital, meeting all European and world standards. By providing highly specialized medical activities, National Children's Hospital will provide comprehensive care and offer integrated inpatient and outpatient services, including diagnosis, treatment and health care for children in Bulgaria.

2. Guiding principles.

Accessibility

Integrated care

Humanizing care

Convenience for children

Efficiency

New technologies

Patient safety







3. Activities at the National Children's Hospital.

Areas of care

Outpatient treatment

- Outpatient consultations
- Outpatient procedures
- Physical and rehabilitation medicine

Inpatient care

- Medical departments
- Surgical departments
- Neonatology
- PICU

Emergency

- Emergency

Day hospital

- Medical day hospital
- Invasive procedures in a day hospital
- Dialysis

Care support activities

Medical assistance

- Pharmacy
- Sterilization

Technical support

- Imaging clinic
- Nuclear medicine
- Laboratory complex
- Pathoanatomy
- Surgical area / resuscitation
- Forensic medicine and ethics
- Transplant Center

Non-care related areas

General administrative support

- Council
- Admission
- Social activities
- Area of teaching
- Field of study
- Communication
- Human resources
- Finance department
- Communications Department
- Clinical Documentation

General services

- Kitchen
- Cafeteria
- Cleaning area
- Laundry
- Changing room
- Religious service
- Clinical pathology
- Security
- Gardening
- Parking

Logistics

- IT
- Support
- Supplies and stores



4. Health specialists in National Children's Hospital:

The preliminary number of staff required for the hospital is calculated based on various ratios and standards specific to individual activities.

Doctors
342

Nurses
572

Support staff
365

Sanitary
179

Physiotherapists
12

Administrative staff
65



5. Occupancy rates.

When designing the hospital, understanding the number of patients admitted is critical as it provides insight into capacity requirements. For hospital beds, the medical standard "Pediatrics", Ordinance No. 7 of November 3, 2016, amended. and add. no. 63 of 30.07.2021[1], determines optimally 80% for annual usability of the bed stock, with a permissible deviation of 15%.



Throughput assumptions	
Hospitalization	80%
Operating rooms	75%
Outpatient consultations	85%
CPR (Emergencies)	5%
Other premises (Emergencies)	85%
Observation (Emergencies)	80%
Waiting under supervision (Emergencies)	80%
Imaging diagnostics	80%
Day hospital	80%
Endoscopy	80%
Physical medicine and rehabilitation	80%

6. FUNCTIONAL STRUCTURE:

DIAGNOSTIC-CONSULTATIVE DEPARTAMENT:

2.1. Pediatrics;

2.2. Pediatric cardiology and cardiac surgery;

2.3. Pediatric surgery;

2.4. Pediatric endocrinology and metabolic diseases;

2.5. Pediatric Nephrology and Hemodialysis;

2.6. Children's pneumology and phthisiology;

2.7. Pediatric Neurology;

2.8. Pediatric Gastroenterology;

2.9. Pediatric Clinical Hematology and Oncology;

2.10. Pediatric rheumatology;

2.11. Medical genetics - children from 0 to 18 years;

2.12. Pediatric gynecology - children from 0 to 18 years;

2.13. Clinical allergology and asthma - children from 0 to 18 years;

2.14. Eye diseases - children from 0 to 18 years;

2.15. Ear-nose-throat diseases - children from 0 to 18 years;

2.16. Orthopedics and traumatology - children from 0 to 18 years;

2.17. Infectious diseases - children from 0 to 18 years;

2.18. Skin and general diseases - children from 0 to 18 years;

2.19. Physical and rehabilitation medicine - children from 0 to 18 years;

2.20. Anesthesiology and intensive care - children from 0 to 18 years;

2.21. Neurosurgery - children from 0 to 18 years;

2.22. Urology - children from 0 to 18 years;

2.23. Clinical psychology - children from 0 to 18 years;

2.24. Neonatology;

2.25. Long-term care (including palliative care) - children from 0 to 18 years;

2.26. Telemedicine;

2.27. Child psychiatry;

2.28. Home hospitalization.



Clinical and diagnostic departments:



1. Imaging clinic - with III level of competence;
2. General and clinical pathology clinic - with III level of competence;
3. Department of Forensic Medicine and Deontology;
4. Nuclear Medicine;
5. Clinical laboratory - with III level of competence;
6. Laboratory of Clinical Microbiology - with III level of competence;
7. Laboratory of Clinical Immunology;
8. Laboratory of Clinical Toxicology;
9. Laboratory of transfusion hematology with a blood bank - with III level of competence;
10. Medical Genetics;
11. Transplant center - children from 0 to 18 years.

Emergency department:

Specialized pediatric emergency department with III level of competence, according to the Medical Standard of Emergency Medicine with 27 boxes for diagnostic clarification up to 24 hours, including 4 isolation boxes - with III level of competence.

STATIONARY DEPARTAMENT:

Specialties	Beds
Pediatrics	20
Infectious diseases - children from 0 to 18 years	10
Clinic for children's pneumology and phthisiology-0 to 18 years	30
Clinical allergology - children from 0 to 18 years	6
Pediatric nephrology and hemodialysis with 5 posts	15
Pediatric endocrinology and metabolic diseases	20
Pediatric Gastroenterology	15
Pediatric Neurology	15
Medical genetics	11
Pediatric Clinical Hematology and Oncology	35
Pediatric cardiology	24
Cardiac surgery - children from 0 to 18 years	
Orthopedics and traumatology - children from 0 to 18 years	28

Pediatric rheumatology	12
Pediatric surgery	47
Urology - children from 0 to 18 years	14
Neurosurgery - children from 0 to 18 years	11
Pediatric gynecology - children from 0 to 18 years	5
Eye diseases - children from 0 to 18 years	10
Ear-nose-throat diseases - children from 0 to 18 years	10
Long-term care (including palliative care) - children from 0 to 18 years	10
Child psychiatry	15
Physical and rehabilitation medicine - children from 0 to 18 years	10
Neonatology clinic with neonatal intensive care unit	20
Neonatal post-intensive care unit at a neonatology clinic	12
Anesthesiology and intensive care - children from 0 to 18 years	35
TOTAL NUMBER OF BEDS	**440**

Day hospital

25 boxes
MEDICAL ONCOLOGY

24 boxes
INVASIVE PROCEDURES

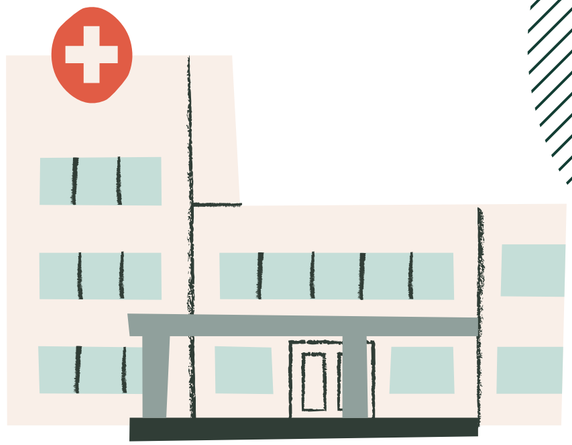
5 boxes
OTHER SPECIALTIES

1 box
ONCOHEMATOLOGY CONSULTATION

6 boxes
DIALYSIS

1 box
NEPHROLOGY CONSULTATION

7. Upcoming deadlines.



December 2024

Clearance of the terrain and issuance of VISA for construction design.

January 2025

Preparation and adoption of PHASE 2 reports.

June 2025

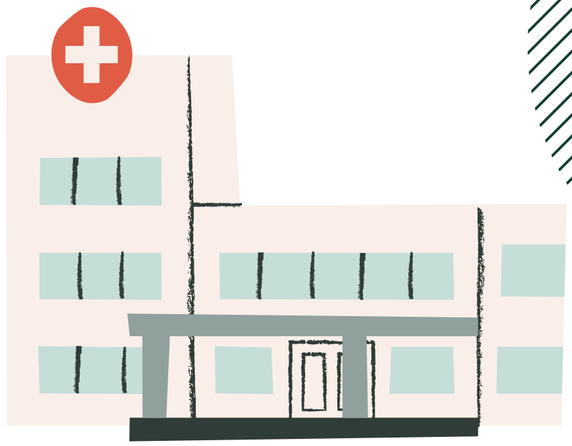
Announcement of public procurements.

September 2025

Designing the complex for the National Children's Hospital.

October 2025

Obtaining a building permit.



November 2026 - June 2027

Preparation and announcement of procedure for equipment suppliers.

November 2026 - June 2027

Preparation and announcement of a procedure for furniture suppliers.

November 2025 - March 2028

Construction of a hospital complex for the National Children's Hospital.

May 2028 - August 2028

Obtaining a license to operate.

8. Funding.

The construction of a national children's hospital is a 100% public investment, as "Health Investment Company for Children's Hospital" follows a strict plan and schedule for accelerated implementation of the project.

At the moment, 100 million BGN public budget has been allocated, from which the company covers the activities of the project. For all other construction, equipment and furnishing activities, financial resources should be searched from the public budget to complete the entire hospital complex.



9. Difficulties and ways to overcome them.

During the development of the project, specific difficulties arise and overcoming them is one of the leading goals of "Health Investment Company for Children's Hospital" for the successful completion of the project of national importance.

Shortage of medical staff

- Expansion of internship and practical training programs;
- Improvement of working conditions;
- Fund for specializations and motivation of graduates.

Public procurement appeals and process delays

- When announcing each public procurement, an optimal term for appealing them to the Commission for the Protection of Competition and the Supreme Court is taken into account in order to minimize the problem of project delays.

Financing of the hospital complex

- Detailed study in choosing the most appropriate model of additional centralized financing.

HEALTH INVESTMENT COMPANY FOR CHILDREN'S HOSPITAL



THANK YOU FOR YOUR ATTENTION!

DR. VLATKO GLIGOROV, MD