



# M.P.A. medical partners complex solutions

mpamed.ru

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### «M. P. A. medical partners»



### Ecosystem medical solutions

We have created an ecosystem for healthcare facilities where our company covers all the needs of a clinic at any stage of its development.

### Engineering

Complex engineering

Cleanroom modules

Turnkey construction

### Equipment

Comprehensive equipment

High-tech equipment

Digital solutions

### Service

Comprehensive technical service

Repair of medical equipment

#### Education

**Training Centre** 

Trainings and lectures

Patient schools

### Promotion

Digital marketing

Organisation of broadcasts



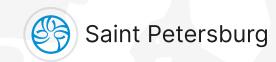
Photo and video

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### From Moscow

### to Vladivostok

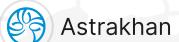




Voronezh

Krasnodar





Stavropol







### 500+ employees

all over Russia

100+ cities

presence

### 13 representative offices

all over Russia









# «M. P. A. medical partners»



# Official representative in Russia:

### Atos

Voice and respiratory rehabilitation after laryngectomy



Ultrasound-based imaging systems for surgical physicians

### INTUÎTIVE

da Vinci robot-assisted surgical systems

### Laborie

Equipment for diagnosis and treatment of urinary incontinence

#### DERMA MEDICAL

Digital epiluminescence microscopy and skin image transfer



Professional bags for medical, emergency services, military medics, firefighters



Aspirators and pre-sterilisation equipment

### ropimex®

Visual security systems for medical rooms and wards



Minimally invasive medical devices using ultrasound technology



Pelvic organ prolapse treatment, TMD, testicular prostheses



Binocular loupes, otoscopes, ophthalmoscopes, laryngoscopes, tonometers, stethoscopes, etc.



Urinary incontinence diagnostic devices, 3D ultrasound bladder diagnostic devices

### «M. P. A. medical partners»

# 65+ manufacturers in the portfolio





























































# Engineering.



### Technical solutions

### Designing

Design, pre-project preparation, development of design projects, and approval of project solutions with state supervisory, coordinating, and expert bodies.

#### **External utilities**

Design of external engineering networks: heating, electrical, outdoor lighting, water supply, sewage, and low-voltage networks.

#### Internal utilities

Heating systems, ventilation, air conditioning, power supply, hot and cold water supply, sewage, automation, security and fire alarm systems, video surveillance, smoke extraction, etc.

#### Reconstruction

Reconstruction, major repairs, and installation of engineering networks in existing medical, veterinary, and pharmaceutical facilities.

# Engineering. «Clean rooms» modules

«Clean rooms» modules are specialized structural and technological modules built into the existing premises of a medical institution and ensuring the fulfillment of normative sanitary, microbiological and climatic requirements determined by the conditions and technology of the treatment process.

It consists of:

#### Complex of engineering systems

Integrated into the elements of enclosing structures, providing the required technological processes and the required class of cleanliness;

#### **Enclosing structures**

Self-supporting partitions with built-in elements (doors, glazing, transmission windows, etc.);

#### Sealed suspended ceiling

Cassette ceiling with recessed lighting fixtures, air distribution systems;

#### Floor covering

Antistatic linoleum, complete with welding cord and connelure profile with a factory on the wall.

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# Engineering.

# Projects

Scientific and Educational Center for Innovative Biomedical Technologies RUDN University



The 4-story educational building includes a veterinary clinic with a dedicated training section and a scientific vivarium. It is located on the premises of RUDN University and is designed to accommodate 1,200 students.

#### Area:

• 9600 m<sup>2</sup>

- General design agreement;
- Expert examination;
- The project includes medical equipment from M.P.A.'s portfolio.







# **«Volgograd Regional Clinical Oncological Dispensary»**





Module

#### **Consisting of:**

- Surgical department with 6 operating rooms;
- Resuscitation unit for 14 beds;
- Intensive care rooms (pediatric / 6 beds, hematology / 6 beds);
- Histology lab;
- Paid department (children, adults);
- Auxiliary rooms.

#### Area

Clean rooms – 1635,7 m²

- Comprehensive design;
- Obtaining approval in the register of expenditure commitments;
- Preparation of premises for the installation of a climate-controlled module for «clean rooms» installation work and finishing work;
- Supply and installation of a climate-controlled medical module;
- Supply and integration of telemedicine equipment.



# Infectious disease building of the Children's Regional Clinical Hospital (Khabarovsk)



#### **Consisting of:**

- Reception department with reception-examination and Meltzer boxes;
- Department of intestinal infections for 45 beds;
- Two departments of airborne infections for 34 and 45 beds;
- Intensive care unit for 6 beds;
- Clinical diagnostic laboratory;
- Radiology department;
- Pharmacy.

#### Area:

• 16 469 m<sup>2</sup>

- General design agreement;
- Supervision;
- The project includes medical equipment from M.P.A.'s portfolio.









#### **Medical Research and Education Center of Moscow** State University named after M.V. Lomonosov (Moscow)



Moscow Module + Integration

#### **Consisting of:**

- 2 angiographic operating rooms;
- 2 awakening rooms with 6 beds;
- 2 preoperative rooms;
- Auxiliary rooms.

#### Area:

• 900 m<sup>2</sup>

- Integrated design (medical technology, planning solutions, engineering systems);
- Development of working documentation;
- Preparing premises for the installation of a medical air-conditioned module for «clean» rooms, installation works (engineering networks, systems),
- finishing works;
- Supply and installation of medical climactic module;
- Delivery of equipment for telemedicine and its integration into the Medical module;
- The «M.P.A. medical partners» central office supplies medical equipment angiographs, consoles, operating lamps, etc.



#### Clinical Hospital «RZD-Medicine» named after N. A. Semashko (Moscow)



Moscow Module + Integration

#### **Consisting of:**

- Operating room on 2 floors of the surgical building with 13 operating rooms: eye microsurgery, 2 general surgery, gynecological; neurosurgical, urological, emergency, purulent, 2 otolaryngological and small operating rooms;
- 2 awakening chambers;
- 3 anesthesia rooms;
- 7 preoperative rooms;
- Auxiliary rooms.

- Integrated design;
- Obtaining approval;
- Preparation of premises for the installation of the «clean» rooms module, installation works (engineering networks and systems), finishing works;
- Supply and installation of medical climactic module;
- Integrated Karl Storz OR1 operating system;
- Supply of medical equipment by the Central Office of M.P.A. operating tables, consoles, surgical lights, etc.











#### Russian scientific center of surgery named after academician B.V. Petrovsky





Moscow Module + Integration

#### **Consisting of:**

- 2 Angiographic hybrid operating rooms with control rooms;
- 11 general-purpose operating rooms;
- 2 awakening rooms with 12 beds;
- 13 preoperative rooms;
- Auxiliary rooms.

- Integrated design for the 11th floor (medical technology, planning solutions, X-ray protection, engineering systems);
- Expert examination together with the general designer;
- General construction works, installation works engineering networks and systems), finishing works;
- Supply and installation of a climate-controlled medical module;
- Supply of equipment for integrated operating rooms by Karl Storz and Olympus in conjunction with a medical climate-controlled Module;
- Supply of medical equipment by the Central Office of M.P.A. as part of the MPA-Engineering project.



# Engineering.



# Designing. Preparation and development

Design, pre-project preparation, development of design projects, approval of design solutions in state, supervisory, approving and expert bodies.

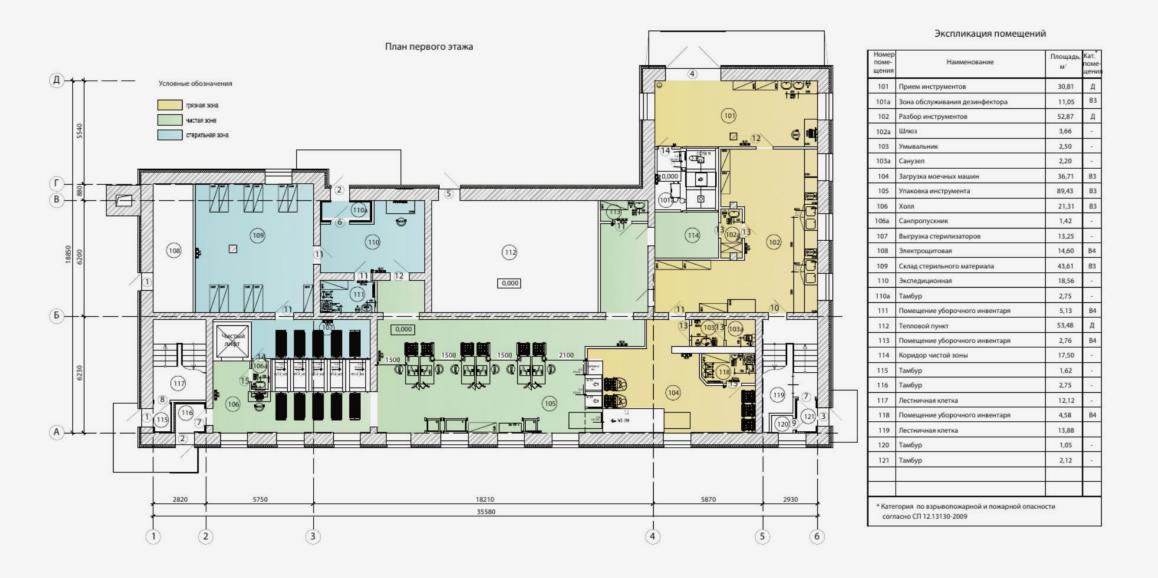
The opportunity to order both complex (general) design and individual sections of the project documentation.

#### Design stages:

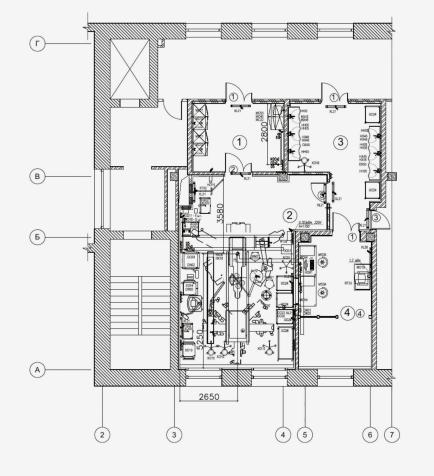
- 1. Development of technical and medical-technological task
- 2. Formation of the concept
- 3. Justification
- 4. Selection of equipment, furniture and supplies
- 5. Development of project and working documentation
- 6. Timing planning

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#### Central Sterilization Department for «Cotton Way» LLC

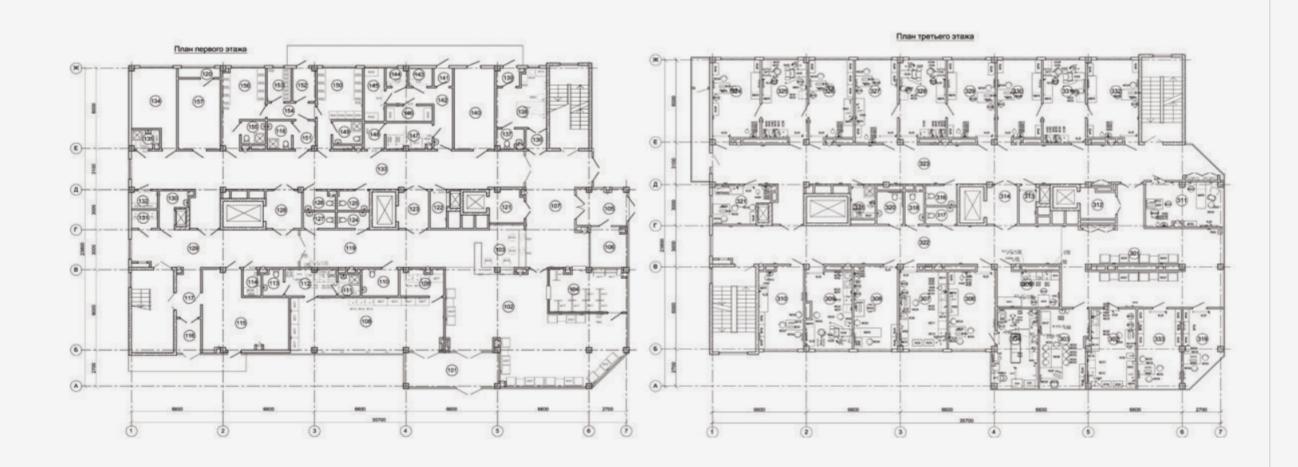


#### Zhukovsky Regional Clinical Hospital (Moscow region). Operating room



	УСЛОВНЫЕ ОБОЗНАЧЕНИЯ		
Графическое изображение	Наименование	Высота установки от УЧП, мм	Примечо- ние
<b>-</b> Ek	Розетка компьютерной сети (Rj45)	1100 -для обозначенных * 300 -для всех остальных	учитыв. ОСТ
-D	Розетка городской телефонной связи	1100 -для обозначенных * 300 -для всех остальных	учитыв. ОСТ
<b>-</b> [⋈	Розетка местной телефонной связи (от АТС)	1100 -для обозначенных * 300 -для всех остальных	учитыв. ОСТ
<b>±</b>	Розетка штепсельная с цилиндрическими контактами и заземляющим контактом (n - количество розеток) Ру (одной розетки) = 1 кВт, 220 В, 1ф. ток + N + PE	1100 -для обозначенных * 300 -для всех остальных	учитыв. ЭО
<b>⊕</b>	Клемма защитного заземления		учитыв. ЭО
,	Электрическое подключение - оставить концы 1.5м		учитыв.

#### Multidisciplinary medical center of «Medial» LLC

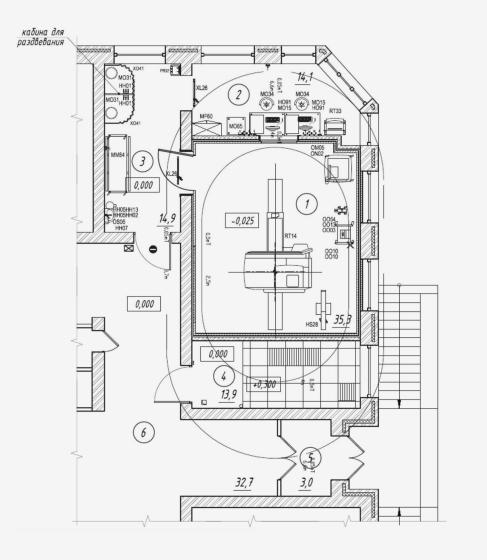


Izmailovsky Consulting and Diagnostic Center. Division Federal State Budgetary Institution «N.I. Pirogov National Medical and Surgical Center» of the Ministry of Health of the Russian Federation





#### Lukhovitskaya Central District Hospital (Moscow region). Treatment room



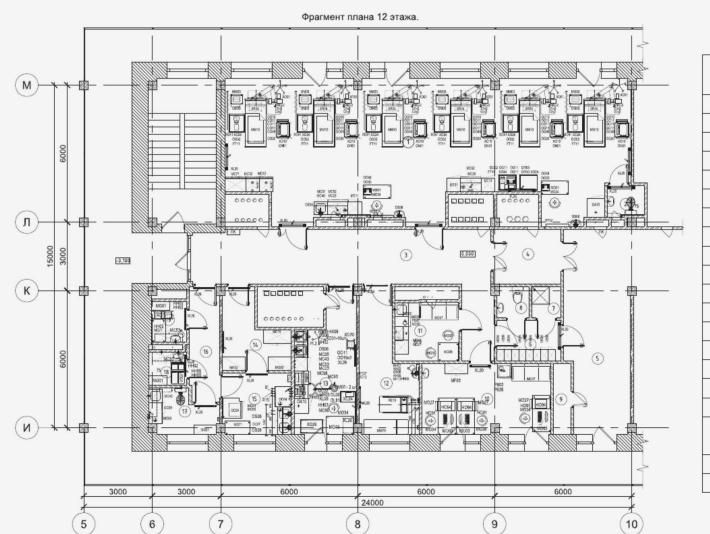
#### ЭКСПЛИКАЦИЯ ПОМЕЩЕНИЙ 1-ГО ЭТАЖА

Номер поме - щения	Наименование	Площадь , м²	Kam.
1	Комната сканирования (процедурная МРТ)	35,3	
2	Комната управления	14,1	
3	Зона подготовки пациента	14,9	
4	Комната оборудования	13,9	
5	Тамбур	3,0	
6	Коридор (в границах проектирования (оси И-15))	32,7	
	Общая площадь помещений 1-го этажа:	113.9	

### Branch of the All-Russian Center for Emergency and Radiation Medicine named after the Ministry of Emergency Situations of Russia



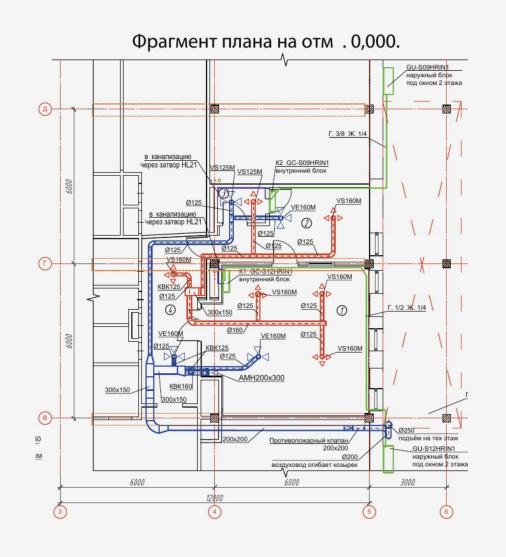
#### Zhukovsky Regional Clinical Hospital (Moscow region). Intensive care unit on the 12th floor

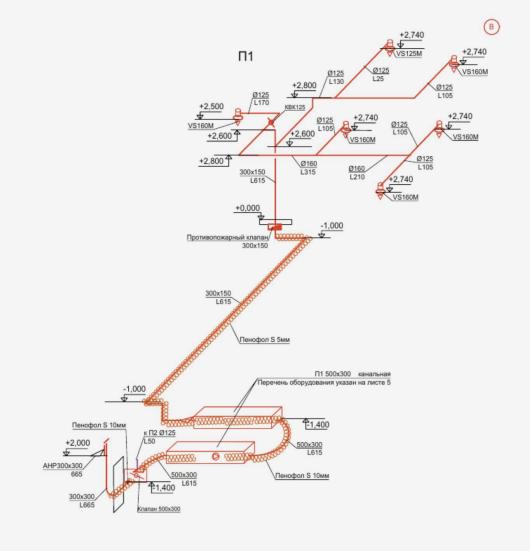


#### Экспликация помещений

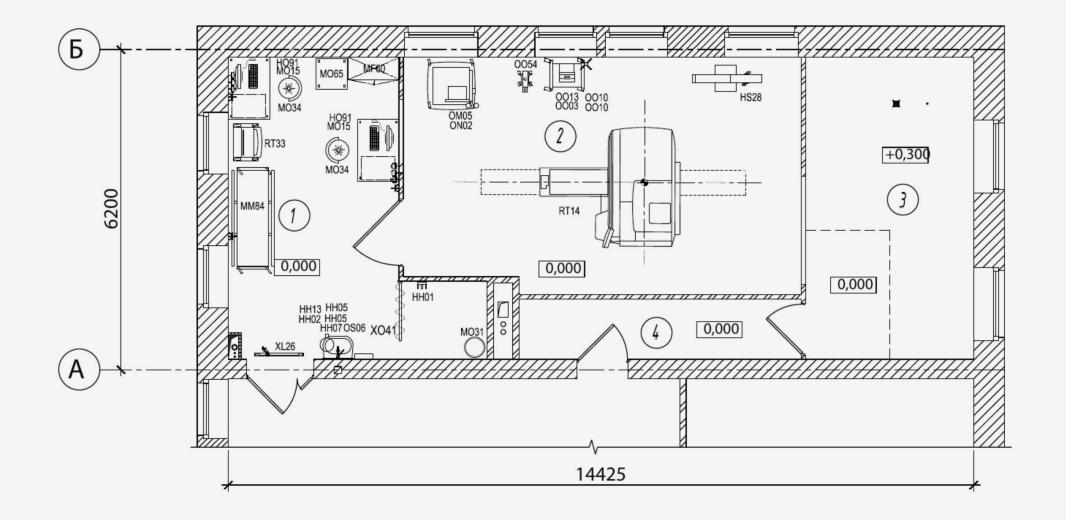
	Nº	Наименование					
r	1	Палата					
r	2	Помещение слива	2,2				
T	3	Коридор	36,5				
	4	Шлюз	7,2				
	5	Холл	24,9				
	6	Санпропускник	5,2				
	7	Душевая	1,8				
	8	Санузел	1,9				
T	9	Электрощитовая	2,4				
	10	Ординаторская	18,1				
r	11	Помещение персонала	7,2				
	12	Ванная	12,9				
	13	Процедурная	15,3				
	14	Помещение хранения НДА	8,1				
	15	Помещение мойки и дезинфекции НДА	8,1				
	16	Санитарная комната	6,9				
	17	Помещение мойки суден	5,1				
	18	Помещение временного хранения грязного белья и отходов					
	19	Кладовая уборочного инвентаря и дез. средств	2,8				
		Итого:	271,4				

#### Elektrostal Central City Hospital (Moscow region). Treatment room





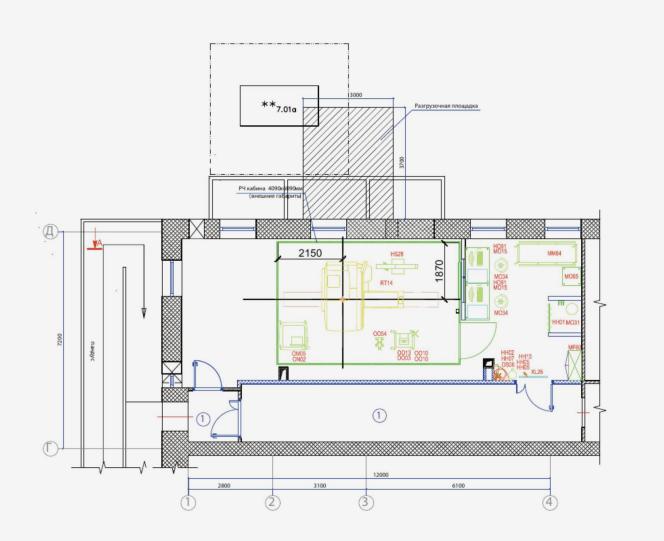
#### Vidnovskaya Regional Clinical Hospital (Moscow region). Treatment room



#### Primary admission clinic for adults and children of JSC GC «Medsi». Moscow



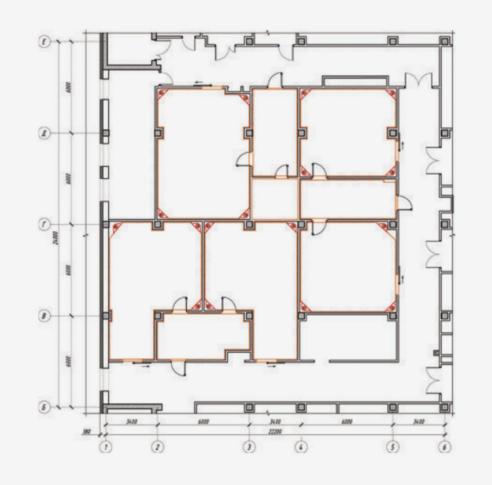
#### Podolsk Regional Hospital (Moscow region). Treatment room on the 1st floor



#### Экспликация помещений

Номер	Hammenobanne	Площадь	Высота	Отделка			Кратность воздухообмена		T*C
помещ.		Tarinonobanio	м2	М	Полы	Потолок	Стены и перегор	Приток	Вытяжка
1	2	3	4	5	6	7	8	9	10
1	Коридор	24,67	3,10	Линолеум	Подвесной потолок на отметке + 2,6 м	Акриловая окраска	-	-	+20
2	Техническая комната	15,54	3,10	Антистатический линолеум	Бетон, краска		100% удаление теплоизбытков	100% удаление теплоизбытков	+18
3	Процедурная МРТ	28,89	3,10	Бетон, краска	Бетон, краска	Акриловая окраска	100% удаление теплоизбытков	100% удаление теплоизбытков	+21
4	Комната управления	8,79	3,10	Антистатический линолеум	Подвесной потолок на отметке + 2,6 м	Акриловая окраска	+3	-4	+18
5	Помещение подготовки пациента	5,82	3,10	Линолеум	Подвесной потолок на отметке + 2,6 м	Акриловая окраска	+3	-	+20
6	Кабина для раздевания	2,24	3,10	Линолеум	Подвесной потолок на отметке + 2,6 м	Акриловая окраска	+3	-3	+21

### The surgical building of the Republican Hospita. Tskhinvali Republican Hospital, Republic of South Ossetial





# Service and repair. Advantages

### High quality standarts

Our service and repair engineers and technicians are highly qualified, undergo training in service maintenance at training centers and factories of leading global manufacturers, and hold the appropriate certifications. The service team consists of 44 employees.

### Own equipped service center

Our fully equipped service center and spare parts warehouse enable us to perform repairs on high-tech equipment of any complexity.



Own repair shop in Russia



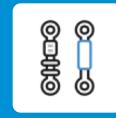
High quality of work performed



Tight repair deadlines



Years of experience and professionalism



Availability of spare parts in stock



Acceptable price

# Areas of activity. Service and repair

We provide comprehensive maintenance of medical equipment in the warranty and post-warranty period.

Our own equipped service center and spare parts warehouse allows us to repair high-tech equipment of any degree of complexity, and the company's staffed staff provides high-quality service services promptly for 365 days a year.

#### **Areas of activity**

- Comprehensive maintenance of medical equipment;
- Repair of rigid endoscopes;
- Repair of flexible endoscopes;
- Repair an ultrasound transducers;
- Maintenance of da Vinci surgical systems.

# Service and repair.

# Authorized partners























HOLOGIC®

## Service and repair.

### Comprehensive maintenance

Periodic monitoring of the technical condition of medical devices is carried out in accordance with routine maintenance, agreed with the Customer.

If necessary, we instruct the medical staff on user functions. Scheduled maintenance work is carried out in accordance with the maintenance schedule agreed with the Customer. A set of works in accordance with the letter of the Ministry of Health of the Russian Federation dated 27.10.2003 No. 293-22/233.

#### **Areas of activity:**

- Works recommended by the manufacturer of medical equipment products
- Replacement of materials maintenance kit
- Non-scheduled visit (routine maintenance, fault diagnosis)
- Maintenance logging











A prerequisite for the provision of the service is the conclusion of a long-term contract

The cost is calculated based on the list of medical devices

Warranty for the completed work – 6 months

### Leasing

High-quality medical equipment is necessary for any medical institution to work. It is not always possible for clinics to immediately allocate a large budget for this purpose.

The use of the leasing mechanism allows us to offer our patients the most modern and advanced treatment methods without significant investment.

«M.P.A. medical partners – Leasing» — is a highly specialized company that provides medical equipment for leasing



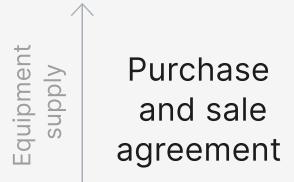


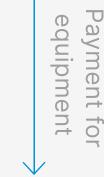






M.P.A. medical partners – Leasing







# Demonstration and training center

In 2021, a demonstration and training center of the company «M.P.A. Medical Partners» was opened in Moscow.

The center offers the opportunity to learn about the latest technologies and undergo training on the equipment.

The training center hosts master classes and broadcasts.



Training on the robot-assisted system da Vinci Xi using simulations, training models; demonstration training sessions



Demonstration of BK Medical ultrasound systems. Workshops on working with specialized ultrasound equipment.



Demonstration of the «Clean Room» technology used in operating rooms and intensive care units.

# Digital solutions

Digital solutions for healthcare are transforming all aspects of the system – from patient care to the management of medical institutions.

#### **Software distribution:**

- MUSE (GE Healthcare) Information Cardiological System for collecting, storing, and analyzing data
- Edison (GE Healthcare) platform for managing patient data, images and medical content
- ICCA (Phillips) Information System for Anesthesiology,
  Resuscitation, and Intensive Care (AIRI)

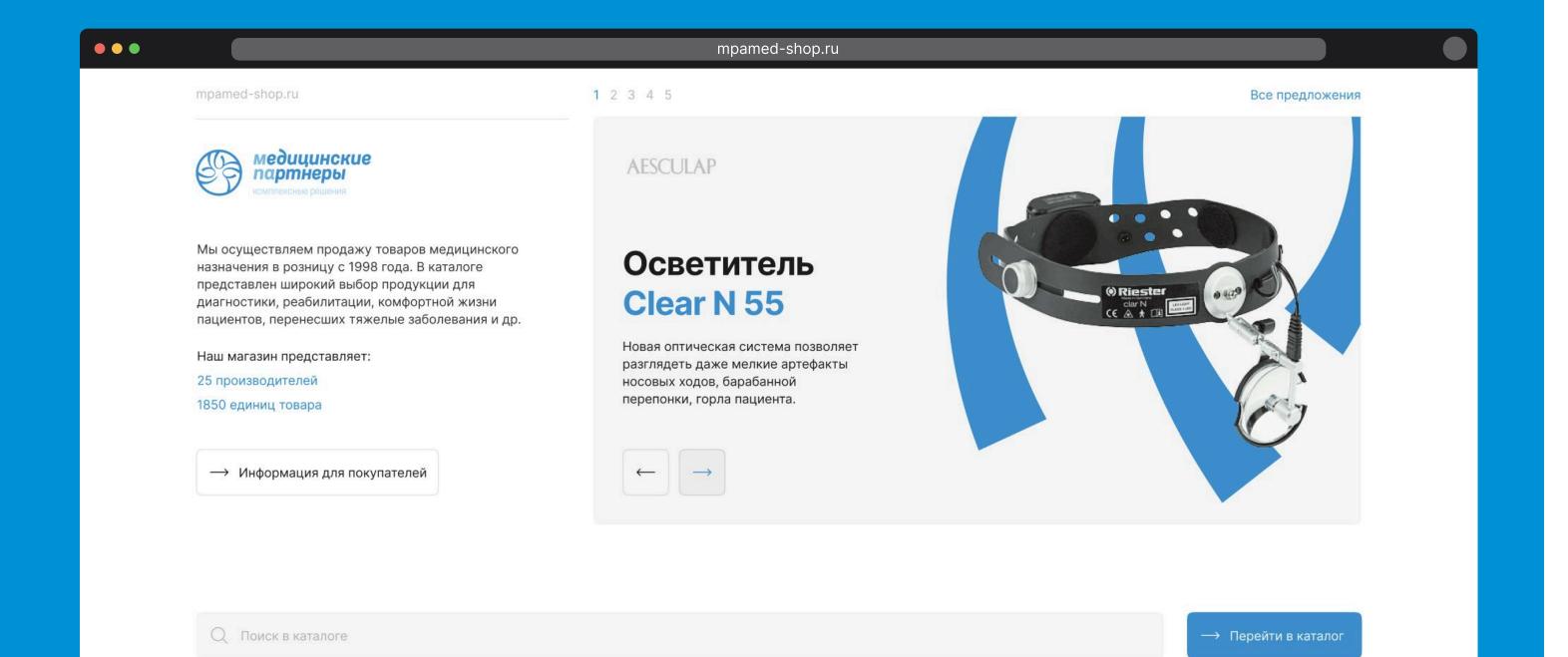




### Online Store

The online store has been selling medical products retail since 2012.

The catalog offers a wide range of products for diagnostics, rehabilitation, and the comfortable life of individuals who have recovered from serious illnesses, among others. All products are certified and suitable for home or professional use.





We are official distributors of leading global equipment manufacturers



High-quality equipment: we select only the best for sale



Various payment options and timely delivery across Russia



Knowledgeable specialists are always available to provide advice and help choose the necessary products.



Flexible pricing policy, promotions and discounts allow you to fit within different budgets and save on purchases.



If a defect is found in a purchased product, our service team will carry out the repair



The option to pay for rehabilitation equipment with an electronic certificate

# Comprehensive promotion

#### Design

Logo and brand identity development

#### **Photo and Video**

Promotional and training videos, photos of clinic doctors

#### **Website Creation**

Design, development, search engine optimization

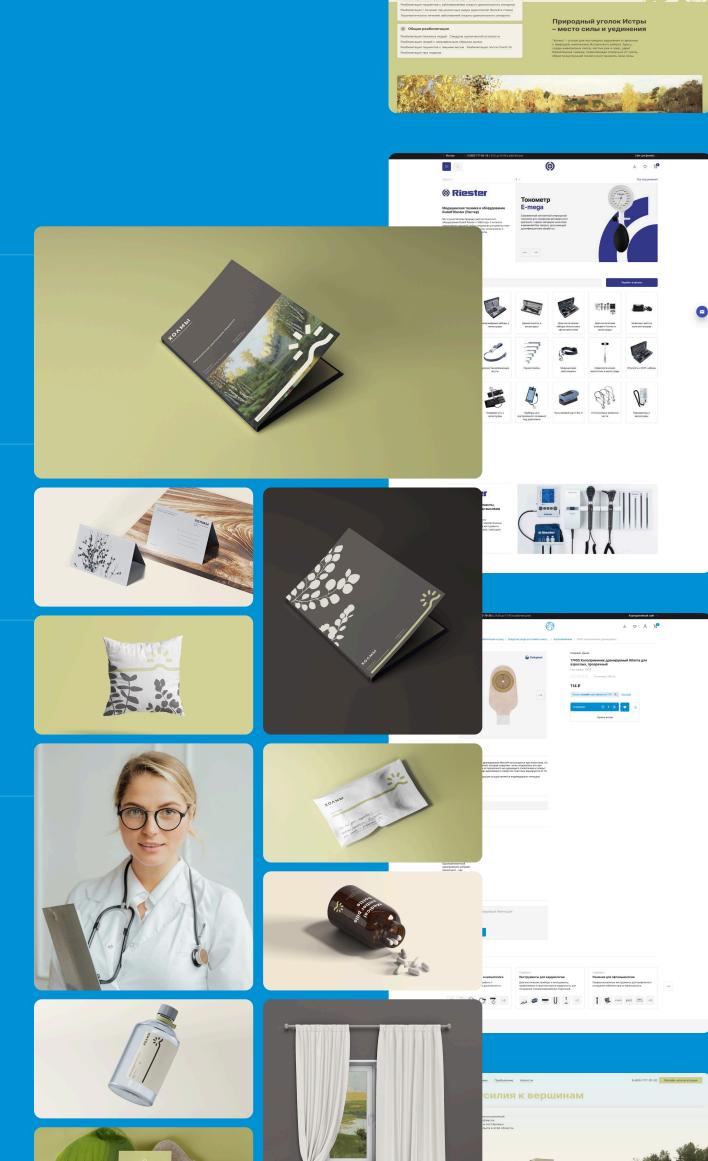
#### **Content Marketing**

Social media management, copywriting

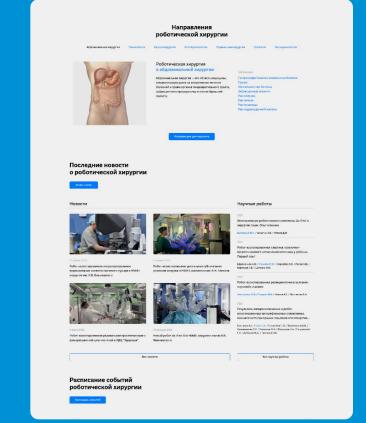
#### **Printing**

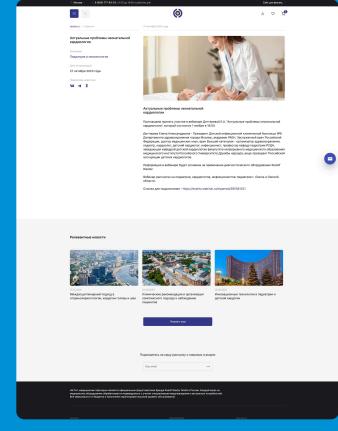
Promotional products and printing services

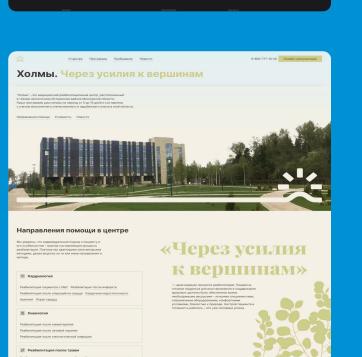
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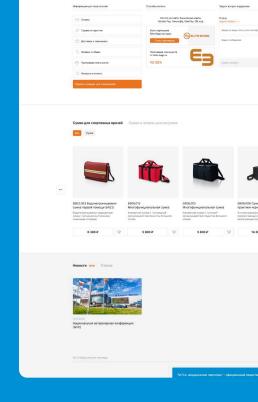




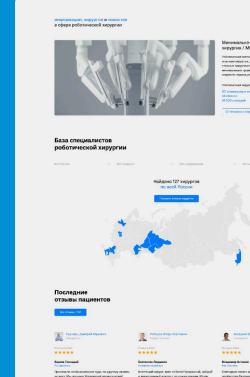












Otheripe (horr)seene Porfusione Mascere

XOЛМЫ. Через усилия к вершинам

"Satura" - 11 повершиной работитериченный пред десембенный в током законостием (десембенный в током законостием (десембенный работитериченный пред 15 мг (десембенный десембенный учиный менежный работитериченный пред 15 мг (десембенный десембенный учиный менежный пред 15 мг (десембенный десембенный учиный менежный пред 15 мг (десембенный десембенный де







реабилитационный центр holmy-rehab.ru

# Rehabilitation at the medical center «Holmy»









#### Rehabilitation

Recovery and rehabilitation after illnesses or injuries.

An individual approach to rehabilitation is the cornerstone of our philosophy and the key to your successful recovery



#### **Outpatient Services**

Consultations with specialized professionals and outpatient treatment. Modern equipment and recovery methods based on evidence-based medicine principles

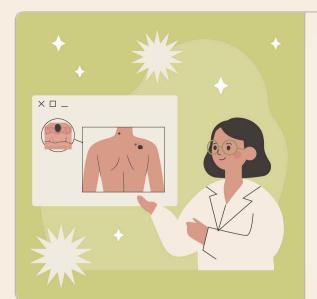


#### **Center Infrastructure**

The MRC "Holmy" can accommodate 62 patients undergoing rehabilitation simultaneously, with 45 spacious single and double rooms available

### Areas of assistance at the Center





#### **Oncological rehabilitation**

Includes individual recovery programs at all stages of treatment, covering the diagnosis and treatment of malignant tumors in various organs and systems



#### Musculoskeletal system

Covers recovery after fractures, osteosynthesis surgeries, arthroscopy, and joint replacement, as well as the treatment of back pain, osteoarthritis and arthritis



#### **Cardiac rehabilitation**

It is aimed at the recovery of patients with cardiovascular diseases and after cardiac interventions, as well as those with myocardial infarction, hypercholesterolemia and high blood pressure



#### **Neurology**

Aimed at restoring nervous system functions in patients with multiple sclerosis, after traumatic brain injury, or stroke



#### Other areas of assistance

- General rehabilitation, rehabilitation for elderly patients, weight loss support
- Program for the senior generation
- Weight loss program at the clinic

#### **«Through effort to the peaks»**

— our vision of the rehabilitation process. Patients working towards recovery are provided with everything they need — the best specialists, equipment, and nature. The patient's mindset and readiness to work are already half of the success!



# Thank you for your attention!