





Oxford University Hospitals

NHS Foundation Trust

### EMC is a Premium Healthcare Ecosystem

A combination of cutting-edge evidence-based medicine technologies and holistic health impact.

The highest level of empathy for each patient needs is where truly exceptional care begins. The outcomes achieved by our team are unparalleled – rarely seen anywhere else in the world.

Here at European Medical Center our ultimate focus is organ-preserving, minimally invasive approaches to treat even the most complex cases. Our unique specialists daily take on the most challenging diagnoses, aiming not only to eliminate disease but to preserve the patient's quality of life as well.

This commitment to both clinical excellence and human compassion defines who we are.

### Andrey Yanovsky

Chief Executive Officer, European Medical Center





### EMC Key Advantages

35+

years of experience

clinics in Moscow and Msc Region

600+

doctors from USA, Israel, Russia

medical specialties

#### **ACCESS TO WORLD-CLASS MEDICINE**



You receive international-standard medical care in Moscow. Our highly qualified specialists from around the world use the latest technologies and approaches.



#### A PERSONALIZED APPROACH TO YOUR HEALTH

EMC doctors will develop a personalized health plan tailored to your goals. Individualized care with a dedicated physician.



#### SOLVING THE MOST COMPLEX MEDICAL PROBLEMS

When other clinics cannot help, EMC offers you innovative treatment methods rarely found in Russian medical practice. You will gain access to unique medical technologies.



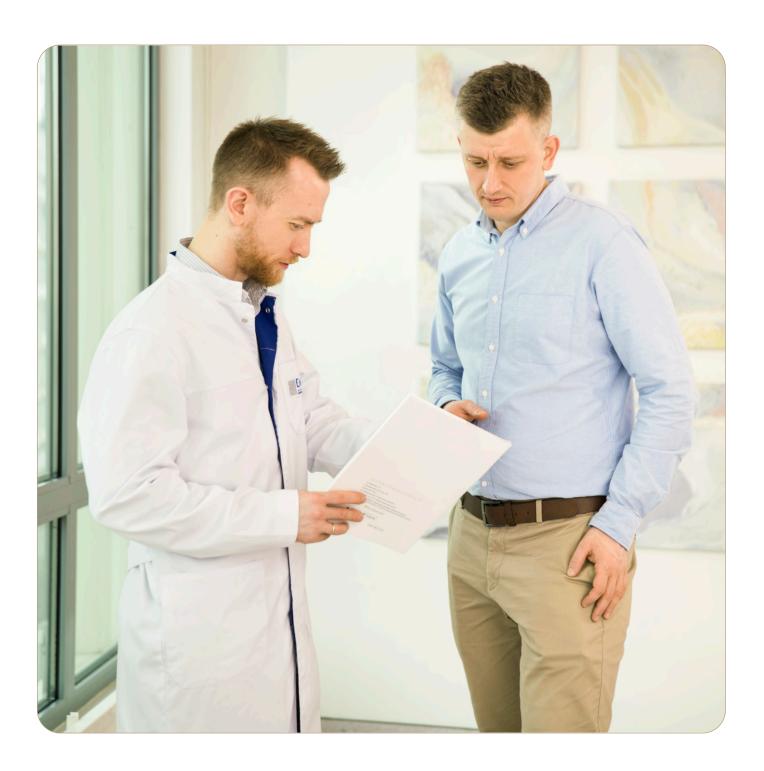
#### 24/7/365 AVAILABILITY

(-24-) You can contact us anytime, day or night, any day of the week or year; we're always here for your wellbeing and safety.



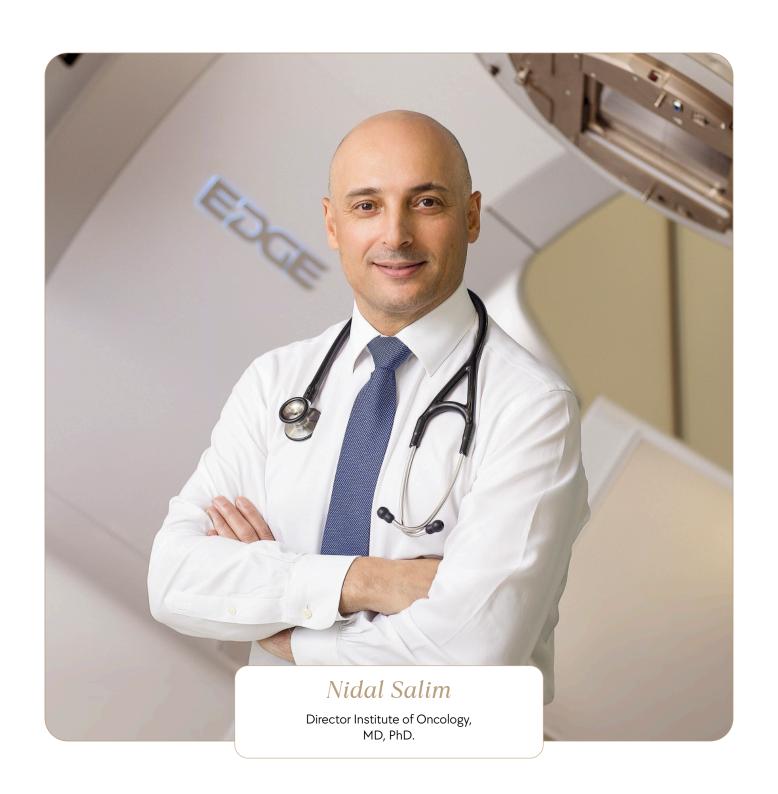
#### COMFORT AND CARE

Our premium service will create the most comfortable conditions possible during treatment and diagnosis.



## EMC Centers of Excellence

Institute of Oncology	Orthopaedic Clinic & Center of Sports Traumatology
Urology & Men's Health Clinic	Women's and Children's Health Center
Diagnostic	Gynecology and Oncological Gynecology
Aesthetic Clinic	Emergency Department
Children's Clinic	Reproductive Medicine and IVF
Neurology Clinic	ENT & Head and Neck Surgery Clinic
Surgery Clinic	Psychiatry and Psychotherapy Clinic
Neurosurgery Clinic	Rehabilitation Center Preventive Medicine Clinic
Maternity Hospital	Clinic of Dermatology Plastic Surgery Clinic
Ophthalmology Clinic	Weight Correction Clinic Dental Clinic
Breast Care Clinic	Clinic of Cardiology and Angiology Internal Medicine



## 1 | Institute of Oncology

- International expertise: a team of doctors from Israel, Europe, and the US.
- Consultations with world-leading medical centers (MD Anderson, Memorial Sloan Kettering, Hadassah Jerusalem, Mayo Clinic, etc.) with patient participation.
- Comprehensive diagnostic capabilities: 3 Tesla MRI, PET-CT with DOPA/PSMA/FDG, CT.
- CT and ultrasound-guided biopsies.
- Genetic profiling: analysis of over 600 genes for personalized therapy selection.
- Assessment of tumor risk factors and prediction of drug therapy sensitivity.
- Second opinion: consultations with leading American pathologists for diagnosis verification.
- 5-7 days from initial contact to diagnosis and treatment initiation.

#### RADIOSURGERY AND RADIATION THERAPY

- The only EDGE stereotactic accelerator in Russia: providing sub-millimeter treatment accuracy with automatic shutdown at the slightest movement.
- HyperArc technology: simultaneous treatment of multiple brain metastases.

#### THERANOSTICS DEPARTMENT

- Innovative treatment for prostate cancer and neuroendocrine tumors.
- Even in late-stage disease, sustainable remission is achievable in 30% or more cases, with positive treatment response in 60% of cases.
- Currently, EMC is the only clinic in Russia where patients can receive this treatment on an outpatient basis.



## 2 Neurosurgery Clinic

The clinic is led by world-renowned neurosurgeon, Professor Alexey Krivoshapkin, with leading European specialists from France and Switzerland serving as department partners.

#### **NEURO-ONCOLOGY**

- Tumor removal using intraoperative MRI and PET monitoring.
- Unique patented treatment method for malignant gliomas: balloon electronic brachytherapy.

#### **VASCULAR NEUROSURGERY**

Minimally invasive treatment of vascular pathologies: aneurysm embolization, occlusion of arteriovenous malformations, angioplasty and stenting of narrowed vessels in the neck and head.

#### SPINAL NEUROSURGERY

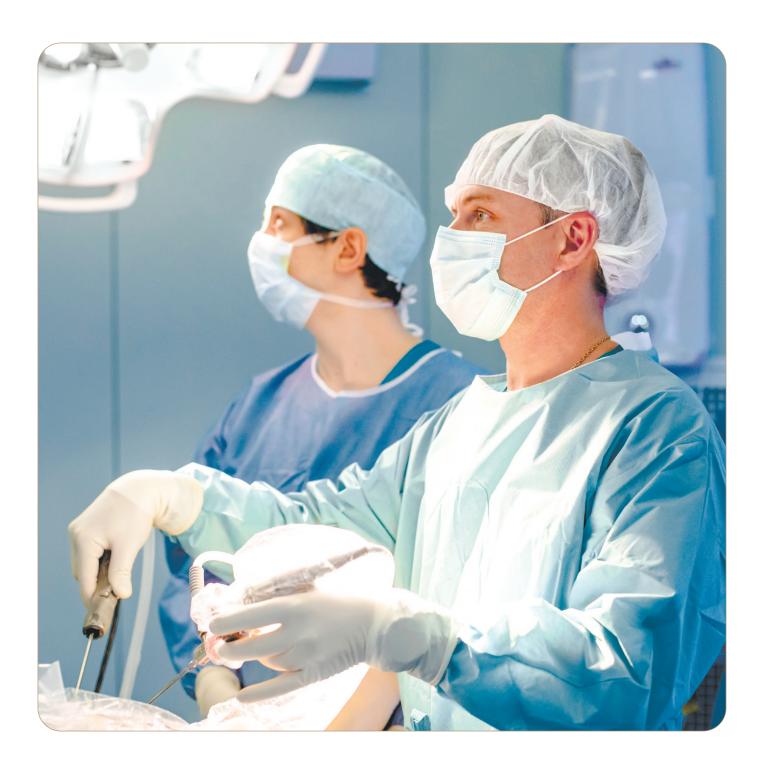
A full range of treatments for intervertebral disc herniation — from individually tailored conservative therapy to high-tech minimally invasive surgeries performed by leading specialists with international experience.

#### **NEUROTRAUMATOLOGY**

- Comprehensive high-tech treatment of spine, spinal cord, and brain injuries
  The clinic uses the most advanced materials for skull bone reconstruction,
  including individually tailored biodegradable.
- 3D hydroxyapatite models and bioglass models.
- Treatment of Movement and Pain Disorders.
- Neurostimulation for Parkinson's disease, other movement disorders, and drug-resistant chronic pain.

#### **NEURO-ORTHOPEDICS**

Specialized treatment of scoliosis using neurosurgical techniques.



### 3 | Surgery Clinic

The clinic's surgeons are leading specialists in the country in the field of liver and biliary tract surgery, thoracoabdominal surgery, surgical oncology, bariatric surgery, and recognized authorities in Russia and abroad, members of national and international professional associations, with experience in leading medical institutions in Russia, the USA, Israel, and Western Europe.



Highly qualified surgeons: doctors with experience in international clinics, leading Russian surgeons.



Emergency and planned surgeries of any complexity.



Full range of surgical techniques, fast-track surgery.



Combined and integrated surgeries (with urologists, gynecologists; radiotherapy + chemotherapy + targeted and immunotherapy for oncological diseases).



Comfortable inpatient facilities, 24/7 patient visitation, including in intensive care.



EMC is one of the leaders in the field of robotic surgery in Russia, the first private clinic in the country whose doctors have been operating on the Da Vinci robotic system since 2012.



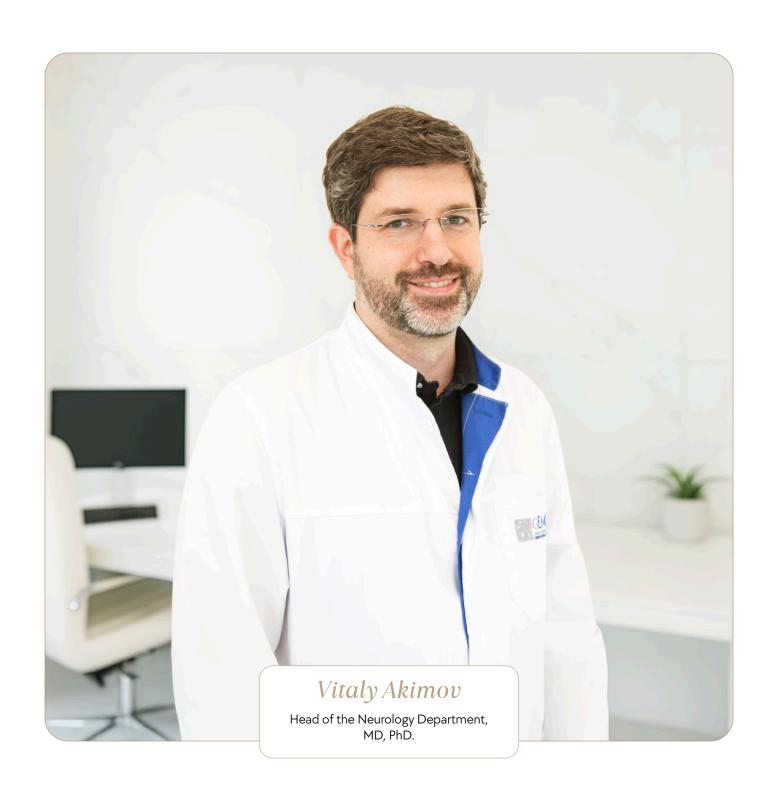
The EMC Ophthalmology Clinic offers unique capabilities for treating eye conditions.

Equipped with latest-generation femtosecond and excimer lasers, the clinic provides high-precision vision correction even in complex cases.

Our highly qualified physicians have completed advanced training at leading ophthalmology centers throughout Europe and the United States.

#### **EXCLUSIVE SURGICAL SOLUTIONS**

- Laser correction for myopia up to −20, hyperopia up to +6, and astigmatism up to −6.
- Sutureless surgical procedures meeting international standards with minimal incisions (2–2.2 mm).
- The only clinic in Russia performing laser correction of phacoemulsification (lens replacement) complications.
- Innovative surgical approach to treating amblyopia ("lazy eye"), replacing traditional therapy methods.



## 5 Neurology Clinic

We treat patients with all types of neurological conditions, including those who haven't found effective treatment at other facilities.

#### STROKE CENTER

- Emergency thrombolysis and thrombectomy.
- Rapid diagnosis and effective treatment transitioning to rehabilitation.

#### ALZHEIMER'S DISEASE AND PARKINSONISM

- Diagnosis of dementia and parkinsonism.
- Advanced diagnostic methods: 1.5/3 Tesla MRI, PET-CT, cerebrospinal fluid analysis, genetic tests.
- First in Russia to treat early-stage Alzheimer's disease with lecanemab and other amyloid-targeted therapies.

#### SLEEP MEDICINE CENTER

- Comprehensive diagnosis of sleep disorder causes.
- Polysomnography for adults and children (from 6 months).
- Full spectrum of treatments for sleep-disordered breathing.

#### MULTIPLE SCLEROSIS AND AUTOIMMUNE DISEASES

- Special MRI protocols and functional diagnostics.
- Plasmapheresis/plasma exchange.

#### **EPILEPTOLOGY**

- Video-EEG monitoring in the clinic and at home.
- Advanced methods for epileptogenic zone localization.
- Modern pharmacological treatment.

#### HEADACHE

A full range of modern diagnostic and treatment methods.



# 6 Urology Clinic

EMC urologists are a team of highly qualified specialists with unique expertise in adult and pediatric urology.

- Oncourology: treatment of prostate, bladder, and kidney cancer.
- Urolithiasis: modern diagnostics and treatment.
- Andrology and men's health: treatment of infertility, erectile dysfunction, and related issues.
- Reconstructive Urology: Experience in Treating Urethral Strictures, Hypospadias, and Fistulas Female Urology: Specialized Care for Urological Conditions in Women.
- Neurourology and urodynamics: diagnosis and treatment of bladder dysfunctions and related diseases.

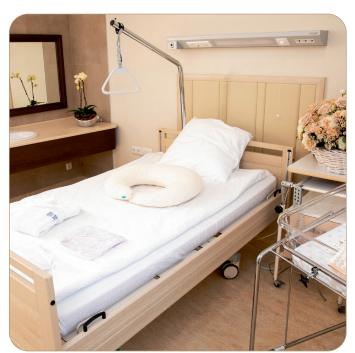
The clinic prioritizes minimally invasive surgical techniques, including robotic surgeries using the da Vinci system, as well as innovative non-surgical treatments such as Rezūm injection-steam therapy for prostate adenoma.

The hospital's team of highly qualified specialists and multidisciplinary format allow us to address even the most complex urological issues, including those unavailable at other clinics.



### 7 | Cardiovascular Care Clinic

- Comprehensive diagnostics and screening for cardiovascular risk factors.
- All types of non-invasive cardiac examinations.
- Treatment in accordance with the standards of the European and American Cardiological Associations.
- Endovascular surgeries of any complexity on coronary, cerebral, and peripheral arteries (lower extremities, renal).
- A cutting-edge approach to arrhythmology using advanced methods for treating complex rhythm disorders (cryo- and radiofrequency ablation).
- Implantation of all types of pacemakers, defibrillators, and cardiac resynchronization devices.
- Innovative treatments for valvular heart disease, including transcatheter aortic intubation (TAVI) in high-risk patients.
- Thoracic and abdominal aortic stent graft replacement.
- Endovascular treatment of congenital heart defects.









### 8 | Inpatient treatment at EMC

- The comfortable inpatient wards are equipped with everything necessary for the comfort and safety of patients.
- Nursing and medical care for postoperative patients is organized at the level of the world's best hospitals.
- Preoperative examinations at EMC can be completed on the same day as the diagnosis, including all necessary tests and a consultation with the anesthesiologist, overseen by the operating surgeon.
- Shorter postoperative recovery times: on average, patients stay 3.2 days in the hospital –
  a leading benchmark for both Russia and Europe.
- 24/7 Specialist Monitoring: round-the-clock expert oversight ensures immediate response to risks.
- AI-Driven Fall Prevention: advanced smart monitoring systems proactively identify and mitigate fall risks, enhancing patient safety.

JCI-Certified Standards: internationally recognized accreditation guarantees compliance with the highest global healthcare safety standards.





# 9

### Reproductive and Prenatal Medicine Clinic

#### INTERNATIONAL EXPERIENCE

A unique team of specialists: reproductive specialists and embryologists with combined experience in Russia and other countries, founders of the mKARM conference and association, which provides training in ART.

#### HIGH SUCCESS RATE

Pregnancy rate of 42% in IVF cases, on average, across all patient ages.

#### **INNOVATIVE TECHNIQUES**

- ICSI with spindle cell assessment.
- Pronuclear transfer.
- In Vitro Maturation of Oocytes.
- Double ovarian stimulation (DuoStim) for IVF.
- Non-invasive preimplantation genetic testing.
- Round spermatid injection technique (ROSI) for men with azoospermia.

#### CRYOBANK

Secure storage of biomaterials in a specially equipped facility at the clinic, in compliance with all international standards.

#### **RELIABILITY AND SAFETY**

We use the IVF-ID system to track the movement of biological material in the laboratory. This minimizes the risk of errors and accidental substitution of sperm, oocytes, and embryos at all stages of the IVF procedure.









### 10 Medical Rehabilitation Center

The EMC Medical Rehabilitation Center specializes in the rehabilitation of adults and children with severe neurological conditions, including the consequences of stroke, spinal cord injury, traumatic brain injury, multiple sclerosis, and other diseases of the spine and brain.



The center is equipped with the best modern rehabilitation technologies, ensuring early and effective recovery thanks to unique equipment and highly qualified specialists.



The center specializes in rehabilitation of patients following orthopedic surgeries, such as joint replacements and osteosynthesis.



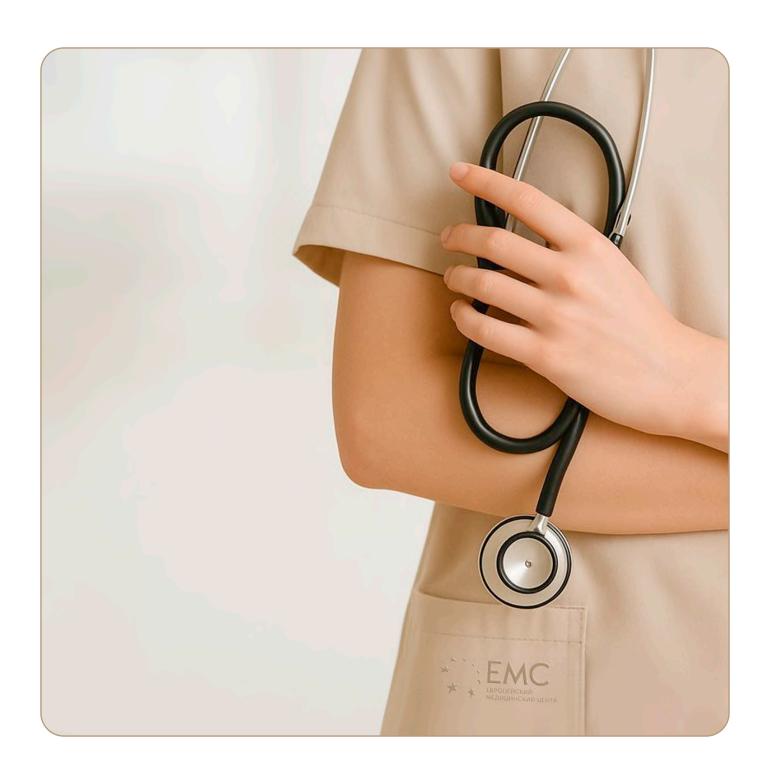
A team of specialists is formed individually for each patient based on specific goals. Intensive rehabilitation (up to 5-6 hours per day) ensures optimal results.



We have created a unique therapeutic environment that guarantees comfort and safety for patients with limited mobility. The center features family rooms, allowing loved ones to be with patients 24/7.



We use international scales to objectively evaluate the effectiveness of rehabilitation, with 98% of our patients achieving their goals.



### EMC's Personal Medical Concierge

- Personalized medical care.
- Direct access to the clinic's leading specialists.
- Flexible scheduling tailored to your needs.
- Dedicated personal health coordinator.
- Individually tailored treatment plans.
- Multi-specialist consultations.
- International medical expertise.

#### **EXCLUSIVE BENEFITS**



Visa and documentation support.



Airport transfers and personal driver services.



Accommodation arrangements: partnerships with premium hotels or on-site accommodation options for patients and their families.



Comprehensive insurance consultation.



24/7 support for medical and logistics inquiries.



- **4** +7 (495) 933 66 55
- emcmos.ru