



ГУ РОССИЙСКИЙ  
ОНКОЛОГИЧЕСКИЙ  
НАУЧНЫЙ ЦЕНТР  
ИМ. Н.Н.БЛОХИНА РАМН

# N. N. Blokhin Russian Cancer Research Center of Russian Academy of Medical Sciences



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# N. N. Blokhin Russian Cancer Research Center of Russian Academy of Medical Sciences

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President of Russian Academy of Medical  
Sciences,  
Director of N. N. Blokhin Russian Cancer  
Research Center  
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The RCRC is composed of four institutes:

**Institute of Clinical Oncology** (adult patients)

**Institute of Infant Oncology and Hematology**

**Institute of Carcinogenesis** (experimental)

**Institute of Experimental Diagnosis and Therapy  
of Tumors**



# The priority research directions of RCRC are:

- development of absolutely novel and existing diagnostics methods and complex treatment of malignant tumors, based on the implementation of novel technologies and achievements in modern experimental and clinical oncology (“Life Systems Technology”, “Gene Probe and Gene Therapy”, “Immune Correction Technologies”, “Information and Telecommunication Technologies”, “Bioengineering Technologies”, “Computer Modeling”);
- epidemiology and prophylaxis of malignant tumors (“Life Systems Technology”, “Gene Probe and Gene Therapy”, “Immune Correction Technologies”);
- development of novel anticancer drugs (“Synthesis of Medicines and Food Supplements”, “Bioengineering Technologies”).





# Institute of Clinical Oncology (adult patients) of RCRC

1000 beds

## **Departments:**

Surgery

Chemotherapy

Radiology

Immunology

Diagnostic and Interventional Radiology

Biochemical & Clinical laboratory

Pathomorphology



# Diagnostic and Interventional Radiology Department (RCRC)

**Boris DOLGUSHIN, M.D., D.Sc.,**  
Corresponding Member of RAMC,  
Asst. Director of Institute of Clinical  
Oncology (RCRC),  
Head of Diagnostic and Interventional  
Radiology Department,  
President of Society of Russian  
Interventional Oncoradiologists





# Diagnostic and Interventional Radiology Department (RCRC)

## Diagnostic Radiology Groups:

- US
- CT
- MRI
- X-ray
- Radionuclide diagnostics

## Interventional Radiology Group

- operating-rooms for interventional procedures
- 12 beds



# The interventional radiological procedures in oncology

- I – Puncture Technology:
  - Biopsy, Aspiration,
  - Drainage, Decompression,
  - Vertebroplasty,
  - Radiofrequency Thermoablation
- II – Patency Restoration:
  - Dilatation of pathological strictures,
  - Prosthetics,
  - Anastomoses
- III – Intravascular Interventions :
  - Embolization and Embolotherapy,
  - Cava filter implantation,
  - Removal of Foreign bodies,
  - Hemostasis
- IV – Occlusion of Pathological Vessels