



NATIONAL HOSPITAL OF ONCOLOGY

**SPECIALIZED HOSPITAL
FOR ACTIVE TREATMENT OF CANCER
DISEASES**

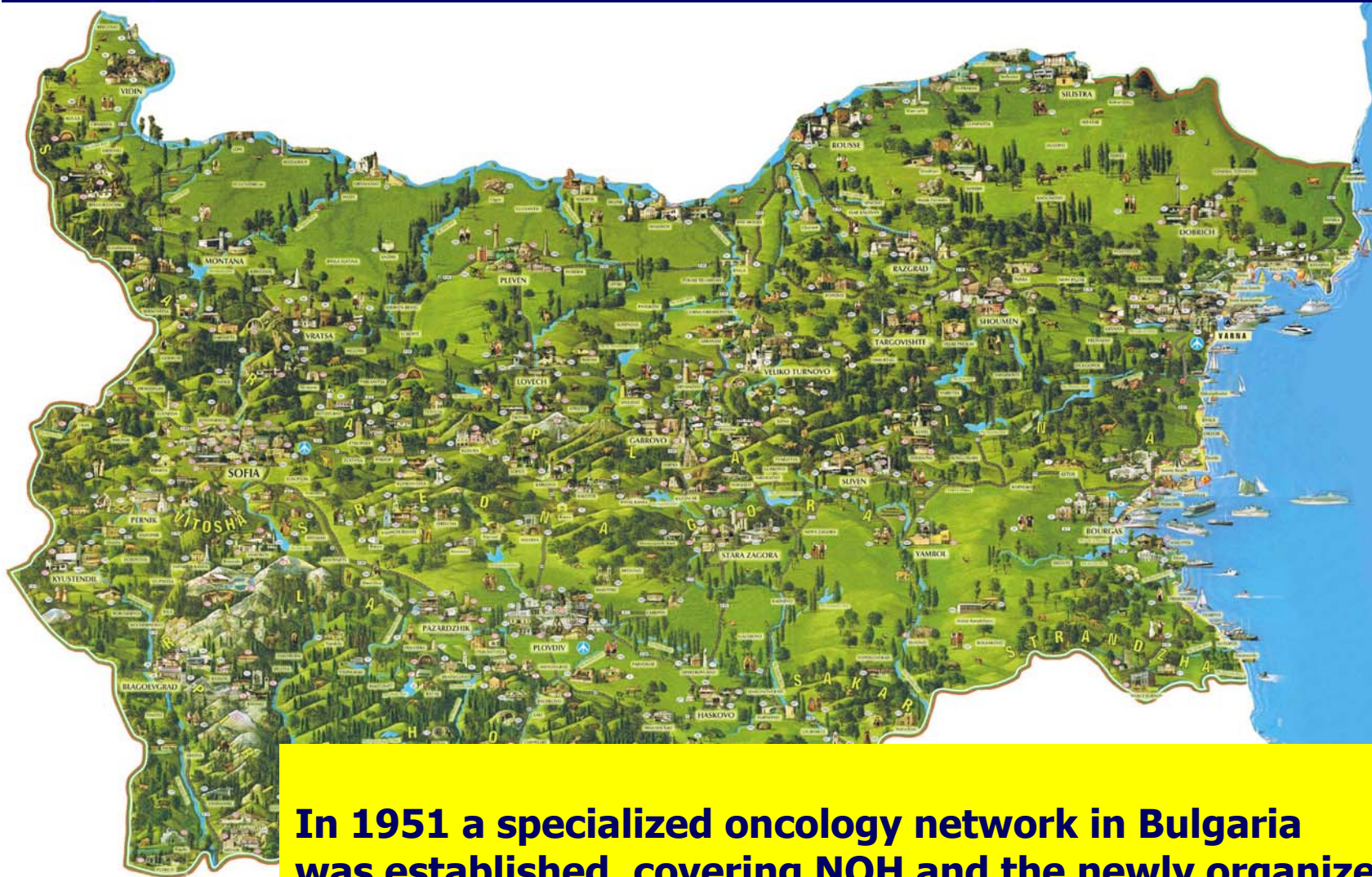
6 Plovdivsko pole str., 1756 Sofia

Phone: 8076100, Director: 8720654

<http://www.onco-bg.com>



Bulgaria



In 1951 a specialized oncology network in Bulgaria was established, covering NOH and the newly organized 13 regional oncological dispensaries

RICH HISTORY

- **1936 - the first anti-cancer center was established at the Radiology Institute of the Medical Faculty in Sofia**
- **1950 - National Scientific Research Institute of Oncology (NIO)**
- **1958 - NIO moved to its new complex facility in Sofia – Darvenitza district, thus laying the foundations of the current NATIONAL HOSPITAL OF ONCOLOGY**

- **IN 2008 WE CELEBRATE THE 50-TH ANNIVERSARY OF THE ESTABLISHMENT OF THE NATIONAL ONCOLOGY HOSPITAL**

STATUTE

- **NOH is a juridical entity registered as share association with 100% state ownership**
- **The rights of unique owner of the capital belong to the Minister of Health**

The activities of NOH cover provision of hospital care in the field of precancer and cancer diseases.

In this relation the hospital performs:

- **unique therapeutic-diagnostic activity for complex treatment of cancer patients;**
- **consultations;**
- **methodological activities;**
- **expert and scientific research activities;**
- **education and training (medical students, post-graduate training);**
- **clinical trials of medicines and medical devices;**
- **implementation of tasks on development and implementation of national health policy for oncology assigned by the Ministry of Health.**

THE HOSPITAL FUNCTIONS AS:

- **National specialized oncological medical establishment;**
- **Scientific research organization;**
- **Organizational-methodological supervisor of oncological medical establishments in Bulgaria**
- **Expert and control body in the field of oncology**
- **National coordinator on oncology**



- highly specialized, prophylactic, therapeutic-diagnostic, rehabilitation and scientific medical establishment of national importance in the field of oncology

- **The activities of NOH are regulated in compliance with the Bulgarian legislation, rules for good medical practice, adopted national standards at observation of professional confidentiality, human rights and dignity of the patient.**

FACILITIES

- NOH has modern facilities built up in conformity with all acting national sanitary-hygienic norms and requirements for a health establishment for hospital care



The buildings of NOH amount to 14 844,82 sq. m cover:

- **Main massive 5-floor building where are deployed the polyclinic and stationary ward**
- **One 2-floor building – research-experimental ward**
- **Five 1-floor buildings for administrative units, technical premises, storehouses and others**
- **One 2-floor massive building – hospital pharmacy**
- **One 2-floor massive building – pathological block with the national tumor bank.**



The hospital has a large beautiful park covering about 60 000 sq. m, with garden alleys and flowers. In the park there is a orthodox church "*St. Mina*", a temple of belief and hope.

- **The hospital has modern equipment – medical equipment and devices. The long-term material assets of the hospital amount to 8 000 000 BGN**

STRUCTURE



I. Consultation-diagnostic block

**A. Admission-consultation
offices with registration office**

**B. Medico-diagnostic
laboratories:**

- 1. Clinical laboratory**
- 2. Microbiological laboratory**

**C. Clinics and wards without
hospital beds:**



- 1. Clinic for tumor pathology**
- 2. Clinic for nuclear medicine**
- 3. Image diagnostics unit**
- 4. Admission unit**

II. Stationary block – 242 hospital beds



1. Dermatology clinic - 24

2. Chemotherapy clinic - 35

3. Radiotherapy clinic - 28

4. Thoracic clinic - 42

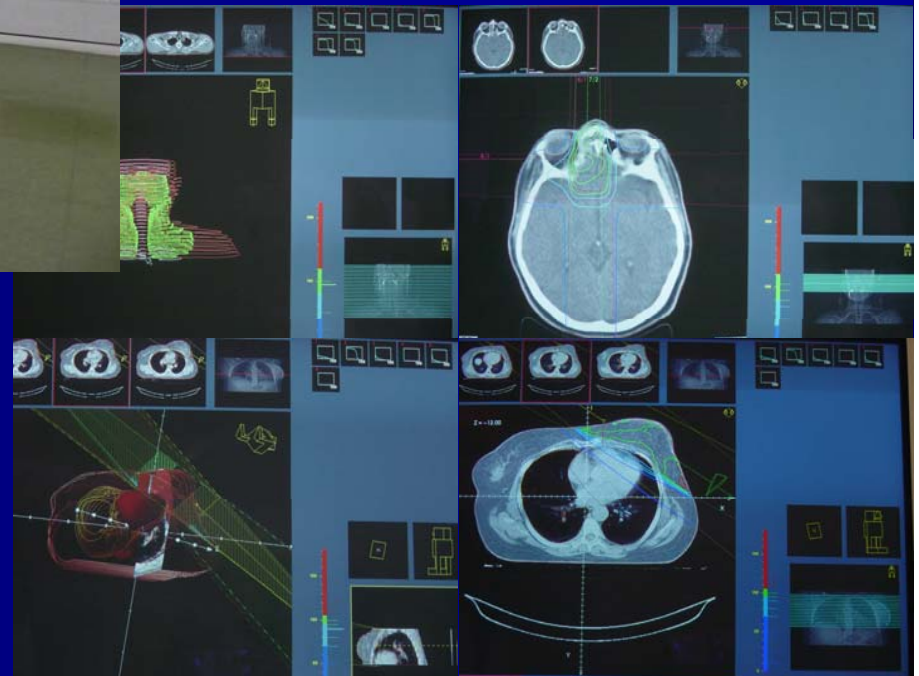
a) Thoracic surgery ward

b) Mammology ward

5. Gynecology clinic - 40

- 6. Abdominal surgery clinic - 30**
- 7. Urology clinic - 10**
- 8. Gastroenterology ward with surgical sector**
- 10. Surgery ward
Sector "sterilization"**
- 11. Anesthesiology and reanimation ward - 8
Sector "Transfusion hematology"**

biggest radiotherapeutical center



III. Hospital pharmacy

- **NHO has a hospital pharmacy to provide for the needs of the hospital**

IV. Administrative-household block

Departments:

- 1. Finances and economics**
- 2. General office and human resources**
- 3. Information**
- 4. Technical and transport services**
- 5. Material services**
- 6. Telephone commutator**
- 7. Defense-mobilization activities**
- 8. Marketing and public orders**
- 9. Archives**
- 10. Hospital catering**

V. Department “Research and training”

1. Sector “Scientific information and library”
2. Scientific research laboratories
 - Chemical mutagenesis and carcinogenesis lab.
 - Molecular diagnostics lab.
3. Vivarium sector
4. Scientific consultants sector



5. Sector "Scientific events"

6. Sector "Research projects"

7. Sector "Publishing activities"

- **The hospital issues "Oncology" journal in Bulgarian (4 volumes/year)**

- **Annual book „Cancer incidence in Bulgaria" in Bulgarian and in English**

8. Sector "Training activities and PhD students"

9. Sector "Registry of clinical trials"

VI. National Cancer Registry

Its activities cover:

- Collection, analysis and publishing of annual information on the prevalence of malignant diseases and carcinoma in situ in Bulgaria;**
- Active engagement with the overall control of the organization of oncological care in the country;**
- Focusing the attention of governmental institution towards the main priorities in the field of prevention, epidemiology, diagnostics, treatments and follow-up of cancer diseases.**

- **NCR is a member (since 2000) of the European and International associations of cancer registries**
- **The high quality of its activity was acknowledged by the inclusion of the Bulgarian data in the last WHO publication “Cancer Incidence in Five Continents”, vol. IX, 2007.**

VII. Expert-medical commission

- **the only one in Bulgaria specialized for cancer patients**
- **all medical specialists have recognized second specialty in Oncology**

STAFF

The hospital has a staff of 432 individuals



1/ Medical doctors	110
■ Full professors	10
■ Associate professors	17
2/ Medical specialists – nurses, midwives, laboratory technicians	221
3/ Janitors and caretakers	56
4/ Non-medical specialists with University education – physicists, chemists, statisticians, economists, engineers, etc.	28
5/ Others	17

MANAGEMENT

- **NOH is a juridical entity with two-level management system**
- **The managing bodies are:**
 - **Minister of Health, principal and implementing the rights of a single owner**
 - **Board of directors of NOH consists of 3 members. One of them is the Executive Director of the hospital.**

FINANCING

- **NOH is financed by the following sources**
 - **National Health Insurance Fund (NHIF)**
 - **Ministry of Health (MH)**
 - **Voluntary health insurance societies**
 - **Educational and scientific institutions and organizations**
 - **Local and international juridical and physical entities**
 - **Other sources**
- **The annual budget of the hospital amounts to approximately 10 millions BGN (in 2007)**

ACTIVITIES AND INDICATORS

- 1/ Treatment activity

Annually at the hospital are performed about 60 000 out-patient examinations and more than 15 000 patients are admitted for in-hospital treatment.

Main indicators for the stationary ward activity -2007

Average number of beds	Patients treated	Usage vs. norms (%)	Turnover	Average stay
242	15 631	98.45	60.1	6

2/ Scientific activity



NOH is a leading scientific organization in the field of oncology in Bulgaria

The hospital is a basis for development of dissertations

- **By 2007 at the hospital were defended:**
 - **30 DSc theses**
 - **109 PhD Theses**
- **Six regular PhD students are trained currently**

**In the period 2000-2007
were published:**

**– 159 articles in international
scientific journals**

**– 208 articles in Bulgarian scientific
journals**

- **Manolov G. Manolova Y.**
Marker band in one chromosome 14 from Burkitt lymphomas.

Nature. 1972 May 5;237(5349):33-4.

- **Balansky R. Ganchev G. Ilteheva M, et al.**
Potent carcinogenicity of cigarette smoke in mice exposed early in life.

Carcinogenesis. 2007 Oct; 28(10): 2236-43.

- **By 2007 there were published**
101 monographs in Bulgaria
14 monographs abroad
- **In the period 1996-2007 medical**
doctors from the hospital have been
involved in the development of
43 national scientific projects
29 international scientific projects

- **The hospital has a Scientific council where the developed topics, scientific projects and training activities are discussed**

- **Our hospital is a member of a number of national and international scientific organizations**
- **In 1967 in Sofia was established the WHO Melanoma program. Its founders are Prof. Umberto Veronesi (Italy), Prof. Trapeznikov (Russia) and Prof. Ikonopisov (Bulgaria)**



**Currently at the hospital
are conducted 36 clinical
trials**



CONCLUSION

- **Since 2007 Bulgaria is EU member state. The possibilities for cooperation have increased.**
- **It is time NOH as a comprehensive cancer center to take its place among the leading Cancer Centers throughout Europe and to become a member of OECI**

