National Center for Public Health and Analyses(NCPHA)

Sofia, Bulgaria

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Website of the Organization: www.ncpha.government.bg

NCPHA Overview

- A structure within the national healthcare system, part of Ministry of Health, Bulgaria
- Monitor health status to identify and solve health problems and to develop guidelines
- Investigate health problems and health hazards in the population and health risk from exposure to biological, chemical and physical hazards in the environment and the working environment and in foods
- Lead, control, monitor and coordinate information activities in the healthcare, develop and unify the medical and statistical documentation for the population health status and for the resources and activities of hospitals
- Activities on the development of health information system
- Investigate and evaluate the effectiveness, accessibility, and quality of health services
- Conduct research in various health-related areas
- Inform, educate and empower Bulgarian population about health issues
- Participate in the realization of statistical activities of the nation as having collaborated with the National Statistical Institute
- Encourage partnership and strengthening networks of partners within the country to identify and solve health problems
- Provide benchmarks for public health policy improvements
- Coordination and performance of national and international programmes and action plans

Public Health and Health Risk Directorate

- Main focus and activities:
  - focus on environmental health, health at work, toxicology, food and nutrition, materials and articles intended to come into contact with food, genetically modified organisms.
  - to study the relationship between public health and the impact of environmental factors, working environment and living conditions - nutrition and stress;
  - to take part in the development, coordination and implementation of national action plans and programs;
  - to participate in working groups, networks and committees at national and European level;
  - to accomplish applied research, advisory and methodical features in the field of public health and health risk;
  - serves as a basic unit for training and acquiring doctoral and post-doctoral scientific degrees, specialization on main hygienic subjects and continuing education in the field of public health

Analytical and Laboratory Activities Directorate

Main focus and activities:

- Conducting studies of physical, chemical and biological factors within the expertise and scientifically applied analytical laboratory activities.
- Elaborating/approbating, validating/verifying and implementing new methods for measurement of physical factors in the living and working environments;
- Analytical procedures for determination of the chemical composition and contaminants of food, waters (drinking, mineral and bathing), air, soil and hazardous wastes, chemical substances and mixtures, asbestos, biological samples, cosmetics;
- Microbiological methods for detection and counting of pathogens, indicatory and probiotic microorganisms.
- Participation in the development and implementation of national programs and action plans, national and international research projects.

Health System Performance Directorate

Main focus and activities:

- Analyzing the population's health status;
- Conducting epidemiological studies for the prevalence of non-communicable diseases and their risk factors;
- Studying the knowledge, skills and attitudes to the health and determining the needs of health, educational and training activities;
- Carrying out of interventions (campaigns, training workshops, development and publication of information materials) related to the public health;
- Participation in the development, coordination and performance of national policies, programs and plans for health promotion (including mental, reproductive and sexual health) and disease prevention;
- Analyzing the organization and management of the healthcare system, including the status of health resources, quality of healthcare and safety of patients;

National Health Data and E-Health Directorate

Main focus and activities:

- Information provision of the healthcare system management, production and dissemination of information.
- Methodical leader of structures of the national healthcare system in relation to the information provision and medical documentation.
- Development, unification and maintenance of the medical documentation system that is connected to the primary registration of the population health status, resources of hospitals and performed medical activities.
- By a decree of the Prime Minister the Directorate was designated as a national body of the statistics. It participates in the presentation of the official statistical health information in the Republic of Bulgaria.
- It also maintains databases, classifications, nomenclatures, standards and methods – individually or with structures envisaged by a regulation.

Classification Systems Directorate

Main focus and activities:

- Main focus is to study, analyze, develop and implement technologies and models for payment of medical activities.
- Performing this function, the activities of the Directorate focus around the implementation of a case-mix technology and study of diagnostic related groups (DRGs) as an approach that should replace the clinical pathways as an algorithm for prospective payment system for hospital care.
- In the course of working activities, the Directorate examines and evaluates a coding system appropriate for Bulgaria; updates the content of the classification system and establishes rules for coding.
- Directorate analyzes the results, makes corrections in the approaches if any inadequacy has been appeared and provides feedback to the medical establishments for health care.

National Plans and International Activities

National Plans:

- National Statistical Programme
- National Environment and Health Action Program
- National Program for Prevention and Control of HIV and Sexually Transmitted Infections
- National program "Safety and Health at Work"
- National Program for Prevention of Chronic Non-communicable Diseases

International Activities/JAs:

- WHO Collaborating Centers on: Mental Health, Occupational Health and Safety, WHO BCA
- Southeast European Autism Network (SEAN), e-CAPACIT8; Reducing Health Inequalities project; ESPAD, Y-PEER PETRI
- Joint Actions on: Health Technology Assessment (*HTA*), European Union Network for Patient Safety and Quality of Care (*PaSQ*), Mental Health and Well-Being , Planning and Forecasting of Human Resources in Health Care (*HWF*), Addressing Chronic Diseases and Promoting Healthy Ageing Across the Life Cycle (*CHRODIS*), Reducing Alcohol Related Harm (*RARHA*), **European Guide on Quality Improvement in Comprehensive Cancer Control (CanCon)**

European Guide for Quality Improvement in Comprehensive Cancer Control

Cancer Control Joint Action

CanCon
Cancer Control Joint Action

Bulgarian National Cancer Registry

- Objective
  - Registration of new cases and estimation of disease prevalence indicators to cancer (including incidents, morbidity, mortality and survival)
  - Information from 13 regional cancer registries (specialized cancer hospitals)

- Activities
  - Statistical and epidemiological analyzes of incidence, prevalence, mortality, and survival;
  - Maintenance of a national database of registered patients with malignant diseases corresponding to modern standards and requirements;
  - Publication of an annual “Cancer Incidence in Bulgaria“
  - International projects participation – EUROCHIP, EUROCARE, EUROCOURSE, RARECARENet, EPAAC, CONCORD

“Stop and Examine Yourself”

Overview

- Duration - 65 months (21/05/2009 – 21/10/2014)
- Objective - raising awareness and informing the public about the nature and benefits of cancer screening (400 000 cancer screening tests, public awareness campaigns, creation and implementation of a national screening registry)
- Target groups:
  - Cervical cancer screening - between 25 – 60 (250 000)
  - Breast cancer screening - between 50 – 69 (50 000)
  - Colorectal cancer screening - both gender - 50 and above (100 000)
- Method – sending invitations to people at risk + public awareness campaigns
- 120 hospitals included (continuous registration)

Evaluation

- Good practice screening Tool Kit (booklet)
- 40 000 screening tests (Feb 2014)
- Creation and implementation of National Screening registry (includes GP registrations, printing and sending invitations to target groups, screening examinations registrations)

СПРИ и се прегледай!
Твоето здраве е в твоите ръце!

Thank You!

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