Cancer Institute & Hospital

Chinese Academy of Medical Sciences

Peking Union Medical College
Cancer Hospital was founded in 1958. Its former name was Ritan Hospital.
Cancer Institute was established in 1964.
First president Wu Huanxing (left)
Vice-president Li Bing (right)
Synopsis

- Affiliated to CAMS and PUMC.
- A comprehensive cancer center in China which integrate clinical practice with basic research and field work.
- Emphasize on cancer prevention, diagnosis and treatment.
- One of the WHO Collaborative Centers for Research on Cancer in China.
Organization

- Hospital
- Institute

- National Cancer Prevention and Control Office
- Chinese Cancer Research Foundation
- National Center of Cancer Registries
Organization (1) - The Institute

- National Laboratory of Molecular Oncology
- Dept. of Chemical Etiology & Carcinogenesis
- Dept. of Epidemiology
- Dept. of Cellular and Molecular Biology
- Dept. of Immunology
  - Central Laboratory
  - Animal Department
Organization(2) - The Hospital

- Dept. of Medical Oncology
- Dept. of Head & Neck Surgery
- Dept. of Thoracic Surgery
- Dept. of General (Abdominal) Surgery
- Dept. of Urological Surgery
- Dept. of Gynecological Oncology
- Dept. of Anesthesia
- Dept. of Radiation Oncology
- Dept. of Imagine Diagnosis
- Dept. of Clinical Pathology and Cytology
- Dept. of Nuclear Medicine
- Others
Staff

- There are 1577 staff members.
- 2 Academicians of the Chinese Academy of Sciences,
- 2 Academicians of the Chinese Academy of Engineering.
- 145 Associate professors, 75 professors
Research focus

- Esophageal cancer
- Hepatoma
- Lung cancer
- Breast cancer
- Cervical cancer
- ect.
Research Projects

- 73 ongoing projects which are granted by the state government and foundations, including basic research, applied research and high-tech research.
- Over 20 million RMB financial supports gained in 2003 from various sources
Source of Research Funds

State government
- 10th 5-year National Strategic Plan
- National Hi-Tech R & D Program (863 Program)
- National Basic Research Program (973 Program)
- National Natural Science Foundation
- Other Funding

Company

International cooperation
- with NIH, IARC, PATH, CTSU University of Oxford etc.
Field station

- Yangcheng city, Shanxi Province, cervical cancer high risk area;
- Linzhou city, Henan province, esophageal cancer high risk area;
- Qidong city, Jiangsu province, liver cancer high risk area;
- Gejiu city, Yunnan province, professional lung cancer high risk area.
Research achievements

- In the past 40 years, 140 science and technology awards have been achieved, most are at the National-level and Ministry-level.
- In the recent four years, 923 research papers have been published
- In the recent four years, 21 patents have been applied
Research achievements

- Atlas of Cancer Mortality in the People’s Republic of China (in 1970’s)
Research achievements

- The Distribution map of mortality rate of esophageal carcinoma (1959-1991) of Linzhou City, Henan Province
In 2002, there are about 49 Chinese cancer registries in 20 provinces, municipalities and autonomous regions, located at:

- 18 cities
- 31 counties
National Center for Cancer Registries

10 Chinese cancer registries had data published in Cancer Incidence in Five Continents Vol. VIII

12 Chinese cancer registries had data published in Cancer incidence and mortality in selected cities/ counties in China
National Center for Cancer Registries

- (1) To collaborate IACR to sponsor the 26th annual scientific meeting of IACR in Beijing (September 2004).
- (2) To carry out research on the methods and strategies for cancer registry in China (since 1995).
- (3) To conduct cancer registry training courses, i.e., ICD-O-3 (November 2002), Can-Reg4 (April 2003), and hold national meeting/training course of cancer registration (2004).
- (4) To select the registries which qualify to join the programme in order to expand the size of the national center.
The field research on prevention and treatment of esophageal cancer was credited as one of the ten greatest science and technological achievements of state level in 1995.


Ect.
Medical Practice

- The hospital has 850 beds with an estimated annual in-patients of about 11,000 and out-patients of about 300,000.
- About 6,000 in-patients have been operated every year.
- 60% of the patients come from outside of Beijing, including foreign guests and overseas Chinese.
- Good Clinical Practice (GCP)
Out-patients

2000年 245243
2001年 248434
2002年 273926
2003年 258168
In-patients


Number of In-patients:
- 2000年: 9541
- 2001年: 10652
- 2002年: 12373
- 2003年: 13242
Comprehensive treatment

- Multi-disciplinary treating system have been established

- Medical Oncology
- Surgery
- Breast cancer center
- Radiation
- Pathology
- Imagine Diagnosis
Medical cooperation

Medical cooperation with four hospitals in Lianyugang, Guizhou, Changzhou and Marco have been established.
International cooperation

NIH
- Nutrition intervention trials in Linxian China-continued follow-up
- Early detection of esophageal cancer
- Cellular and molecular studies of human hepatocarcinogenesis in China

PATH
- Screening technologies to advance rapid testing for cervical cancer prevention

IARC
- Pilot Phase of a Prevalence survey of HPV infection in Yangcheng county Shanxi Province, China

CTSU University of Oxford
- Clinical study on adjuvant tamoxifen therapy on breast cancer
International exchange

Sister hospital with MD Anderson cancer center
Medical Education

- We have different graduate programs for regular clinicians, masters, doctors and postdoctors.
- Since 1958, 25 post-doctoral, 245 PhD, 430 masters have finished studying.
- More than 3600 in-service training doctors from all over the country have taken their training courses in the hospital.
Tomorrow will be better!