

# Preparation of Medical Service for 2008 Beijing Olympic Games

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## 1 Institutions

- Games Service Department of the Beijing 2008 Olympic Games
- Beijing Municipal Health Bureau
- General Administration of Sport of China

## 2 Aims

- To ensure food and drinking water safety
- To prevent and control epidemic and infectious diseases.
- To ensure injured and sick athletes get immediate and best medical treatment.

## 3 Preparations

By the end of 2006, on the basis of a careful and intensive research which incorporated the experience of other Olympic host cities, Beijing has drafted the city operation outlines for the 2008 Olympic Games and Paralympic Games. The project covers the formation of the public health system, early warning of public health emergencies, emergency treatment measures, skill training of medical staff and public health information. The outlines are under implementation in Beijing for more than 40 test events this year.

### 3.1 Public health security

Beijing has elaborated a risk identification and management system to deal with any major public health emergency during the 2008 Olympic Games. The system includes measures to deal with epidemic diseases and infectious micro-organisms, and to ensure food and drinking water safety. Prevention and control mechanisms have been set up, which has laid a sound foundation for the safety of the Olympics. Beijing will step up efforts to build a prevention and treatment network for infectious diseases before the 2008 Olympics.

In addition, Beijing has set up an expert advisory committee for this purpose and has made an inter-department and inter-region mechanism ready to prevent the prevalence of major epidemic diseases, in a joint effort with neighboring provinces and municipalities.

Beijing has a command center to treat emergency cases, with corresponding organizations set up at the district and county level, thus creating a platform to make decision and treat emergency cases.

The public health service phone number 12320 has been put in use to give the public an opportunity to timely report emergency cases, transmit health policies, spread health information and knowledge, and answer inquiries about the health work.

Nineteen medical teams are receiving training to deal with possible emergency public health problems.

### **3.2 Food safety**

To ensure food safety, Beijing has defined four safety grades for all restaurants, with the bottom two grade restaurants being requested to improve their conditions. Beijing Municipal Health Bureau will have strict control measures in place to ensure that imported food products are safe and drinking water free of contamination at the Olympic village, competition venues, public media and conference centers and hotels. As part of its preparation, the bureau conducted food security inspections in more than 30,000 hotels and restaurants early this year.

The city has formed a food safety committee with representatives of 16 government departments. It also has formed an expert panel for the Olympics.

A food safety monitoring system both in Chinese and English will keep track food processing and transportation. In case of a food scare, the city will immediately form teams for medical treatment, testing and assessment, news briefings and investigations.

### **3.3 Medical emergency**

Beijing has completed construction of a number of accessible facilities at hospitals and enhanced preparation for services at forthcoming test events.

An emergency medical aid network covering all Olympic Games districts and counties will be set up by the end of 2007.

Beijing's emergency medical aid center will upgrade the satellite positioning system used for ambulances. The Health Bureau will cooperate with the aviation department to provide air rescue services during the Games.

### **3.4 Official hospital**

22 medical institutions including Beijing Emergency Medical Center and Beijing Union Medical College Hospital are specially designated to provide medical services for the Beijing 2008 Olympic Games, with specific contracts signed.

Doctors in the designated hospitals will write prescriptions for foreign patients in both, Chinese and English,

### **3.5 Medical training**

Beijing already has a training program to prepare for health security that focuses on medical emergencies. The training includes technical and language training.

Health providers will undergo training to deal with public health incidents.

A number of training programs have been organized to boost the city's capacity to prevent and control diseases, respond to emergency cases and ensure food safety.

### **3.6 Volunteers**

First aid volunteers speaking other languages will be recruited.

The Beijing Emergency Medical Centre is looking for multi-lingual people to help receive emergency medical calls from foreigners during the 2008 Beijing Olympics. The centre will also hold training classes, to provide them with some basic emergency medical knowledge.

More than 4,000 city volunteers will provide medical service at urban service stations around the competition venues and key areas of Beijing, including transportation hubs, commercial networks, scenic spots, medical facilities, hotels and cultural centres.

### **3.7 Doping control**

China Doping Control Center (CDCC) has been equipped with high quality equipments; experienced scientists will undertake all sample tests. CDCC has passed the IOC accreditation examination in 1989 for the first time and up to 2007 it has passed each annual review.

CDCC shall carry out 4,500 doping tests during the 2008 Beijing Olympics and will work "round the clock".

## **4 Medical preparation for Chinese Olympic teams**

China Sports Medicine Hospital, specialized in sports medicine clinic and research, will be responsible for providing medical services for Chinese Olympic athletes.

To improve team physician's capability for the prevention and treatment of sports injuries and disease, sports medicine training courses had been conducted for three times in 2007.

Five hospitals have already been selected as official medical centers for Chinese Olympic teams, with athletes first principle.

Chinese Olympic Committee has formed a Multi-subject and high-level experts panel, which provide consultation for athletes as well as team physicians.

## **5 Main institutions of sports medicine in China**

- Sports Medicine Hospital of General Administration of Sport of China
- Institute of Sports Medicine of Peking University