

# Occupational Diseases: Prevention and Treatment in Hunan Province, P. R. China





## Highlighting

- **Brief introduction of Hunan**

- **Network of occupational diseases prevention construction in Hunan**

- **Occupational diseases prevention and treatment in Hunan**



## 1. Brief introduction of Hunan

Hunan Location Map



**Location: central south  
China and middle of the  
Yangtze River**

**Area: 211,800 km<sup>2</sup>  
2.2% of China**

**Population (2013) :  
66.9 million  
No.7 in China**



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**Municipality: 14**  
**(1 autonomous prefecture)**  
**County: 122**

**Capital: Changsha**







**Scenic spots:**

- **Zhangjiajie**
- **Hengshan Mountain**
- **Yueyang Tower**





## **2. Network of occupational diseases Prevention and treatment in Hunan**

### **3-level Network (province-city-county network)**

- Province level: Hunan Prevention and Treatment Institute  
of Occupational Diseases in the capital**
  - City level: 2 independent institutes in 2 cities  
12 departments inside CDC in 12 other cities**
  - County level: departments or full-time/part-time staff  
in 122 County CDC**
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- **City level: 100%**  
**occupational disease diagnostic organizations**
  - **County level: 80%**  
**occupational health examination organizations**
  - **All levels: 84 are qualified to provide occupational health technical services which mainly contains proactive prevention and mandatory work of occupational health issued by the government, such as key occupational disease surveillance and occupational health risk assessment, investigation on occupational diseases of migrant workers in Hunan.**
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## 3. Occupational Diseases Prevention and Treatment in Hunan



**Hunan Prevention and Treatment Institute of Occupational Diseases** is mainly responsible for the guidance and supervision of occupational disease prevention and treatment in Hunan and provides occupational health services for enterprises and carries out occupational disease diagnose, treatment and recovery for the patients.





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HNPR—2014—01063

## 湖南省人民政府办公厅文件

湘政办发〔2014〕68号

### 湖南省人民政府办公厅 关于印发《湖南省职业病防治规划 (2014—2020年)》的通知

各市州、县市区人民政府，省政府各厅委、各直属机构：

经省人民政府同意，现将《湖南省职业病防治规划（2014—2020年）》印发给你们，请认真组织实施。

**“Occupational Disease  
Prevention Plan Hunan  
(2014-2020)”**

**Based on National Occupational Disease Prevention Law, "Planning" further clarifies the specific performance objectives, main tasks, departmental responsibilities and safeguards of the governments at all levels and relevant departments. It is an action guide for occupational disease prevention work in Hunan.**



## 3.1 Major National Special Work

Since 2010

- major occupational disease monitoring, including pneumoconiosis in coal workers, silicosis and lead poisoning
- investigation of hazard status and disease incidence in the key monitoring counties or districts





- Since 2013, pilot work of medical radiation protection monitoring network to find out the status of medical radiation protection in the pilot areas. occupational health risk assessment in pilot areas
- Since 2014, food radioactive substance monitoring plan. We select 2 key monitoring areas and some other counties as control group.
- In 2015, occupational health assessment in key enterprises of the state





## 3.2 Health Promotion in Enterprises

- profound understanding of “prevention first”
- Workplace occupational health promotion
- Role to play: to establish and develop “Tool Kits” and guide enterprises to carry out practical activities
- One-step occupational health service







## 3.3 Treatment of Occupational Diseases

**The affiliated hospital is a general hospital.**

**Medical units: 10 (4 for pneumoconiosis and poisoning)**

**Ancillary medical departments: 5**

**Beds: 520**







**Relying on the national key clinical specialist, occupational divisions first safely use blood purification plus antidote in the treatment of chronic cadmium poisoning in the country and a number of cases such as acute paraquat poisoning, acute arsine poisoning, thallium poisoning, lithium compound poisoning have been successfully treated.**



**In the treatment of pneumoconiosis, we improve the broncho-alveolar lavage and whole lung lavage. So far, a total of 10,000 cases have been taken to improve the patient's respiratory function.**



## 3.4 International Academic Exchanges

Since 2011, we have begun academic exchange with Federate State Budgetary Scientific Institution “Research Institute of Occupational Health”.



←2012 2014 →  
Moscow



2014  
Changsha →







## In 2014, the 1st Sino-Russian Conference of Occupational Health and Occupational Diseases in Changsha, Hunan





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**In 2015, participated in the 31st International Conference of Occupational Health (ICOH) held in South Korea.**







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**Thank you!**

