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

Location: central south China and middle of the Yangtze River

Area: 211,800 km²
2.2% of China

Population (2013): 66.9 million
No.7 in China
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
• 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.
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.
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 bronchoalveolar lavage and whole lung lavage. So far, a total of 10,000 cases have been taken to improve the patient's respiratory function.
Since 2011, we have begun academic exchange with Federate State Budgetary Scientific Institution “Research Institute of Occupational Health”.

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

←2012 2014 →
Changsha
In 2014, the 1st Sino-Russian Conference of Occupational Health and Occupational Diseases in Changsha, Hunan
In 2015, participated in the 31st International Conference of Occupational Health (ICOH) held in South Korea.
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Thank you!