

Promote Internet Plus Health Poverty Alleviation Realize Basic Medical Security for Impoverished People

Poverty Relief Office of National Health Commission of the People's Republic of China (NHC)

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Health Poverty Alleviation Is the Key to Winning the Fight Against Poverty



- Xi Jinping repeatedly stressed that the poverty alleviation should be deeply implemented through health promotion, and the targeted treatment measures should be taken to solve the problem of poverty caused by disease.
- NHC takes the lead in implementing the health poverty alleviation, and takes precise measures and overall promotion according to the goal of achieving basic medical security for the poor, and the standards of health care by centering on the principle of ensuring impoverished people have the place to see a doctor, the doctors give them medical help, and the medical insurance system gives financial aids, and have less illness.

Health Poverty Alleviation Is the Key to Winning the Fight Against Poverty



- Establishment of a medical insurance system to meet essential needs, and strive to reduce the burden of medical expenses for the poor;
- Implement the “Three Central Solutions ” action plan, to classify and provide precise targeted treatment for the poor population suffering from serious and chronic diseases, so as to improve the quality and effectiveness of treatment;
- Take comprehensive measures such as counterpart assistance and support for tertiary hospitals, standardization of service systems, and comprehensive training of talents, and improve the capacity of medical and health services in poverty-stricken areas;
- Focus on prevention, strengthen disease prevention and control as well as health promotion, and improve the health of poor people.

Achievements of Poverty Alleviation

Percentage of individual payment after reimbursement by rural poor population has fallen sharply

- The percentage of individual payment after reimbursement by rural poor population decreases from **43%** in 2016 to about **10%** currently.

Establish an institutionalized treatment mechanism

- More than **14 million** patients have received classified treatment.

Capabilities of medical and health services in poor areas have been improved

- Among the 832 poverty-stricken counties, at least one county-level hospital in **773** state-level poverty-stricken counties can now provide second-level service, and the clinic infrastructures of **138,000** villages have reached the standard; and there is at least one qualified rural doctor in the health clinics of **158,000** villages, and a total of **6.7 million** poor people who are reduced to or returned to poverty because of illness shake off poverty.

Difficulties and Problems in Realizing Basic Medical Security for Impoverished People

The realization of basic medical security mainly means that all the poor people are insured by the medical insurance system, and have a place to see a doctor in case of common and chronic diseases and can afford , and after a serious illness can get by.

---General Secretary Xi Jinping



There are many problems such as insufficient medical and health resources in poor areas, and backward infrastructure of health institutions, serious shortage of medical personnel at the primary level, and the inadequate capacity and accessibility of health services.



Internet technologies such as big data, blockchain, and artificial intelligence have been developing rapidly. And new models and business types of Internet plus Medical and Health Services have been emerging and thriving, playing an important role in further promoting the transfer of high quality medical resources to grass-roots medical institutions.

Jointly guided by Our commission and the Ministry of Industry and Information Technology, China Population and Development Research Center, China Academy of Information and Communications Technology, and Medical Management Center of NHC **set up a promotion group** to launch **the Internet Plus Health Poverty Alleviation** Application Pilot Project.



Based on strengthening the construction of broadband network infrastructure in pilot areas, we will set up a working mechanism and mode of One network, One axis and Four Longitudinal Directions, so as to promote the effective transfer of high-quality medical and health service resources to grass-roots, promote and realize the whole process management of individual health, and constantly promote the effectiveness of health poverty alleviation.

Pilot Project of Internet Plus Health Poverty Alleviation

One Network



We will deepen the development of telecommunications services, strengthen the construction of optical fiber and 4G broadband network infrastructure in rural areas, guide and mobilize telecommunications service enterprises to offer preferential rates, and enable primary medical and health institutions at all levels to gain access to high-speed broadband networks, and finally a high-speed operation, interconnected and efficient mobile intelligent network takes shape.

Pilot Project of Internet Plus Health Poverty Alleviation

One Axis

Supported by the dynamic information system of health poverty alleviation, we will build a big-data service platform of whole process health service for health education, disease prevention, chronic disease management, hierarchical diagnosis and treatment as well as rehabilitation management based on personal health records.

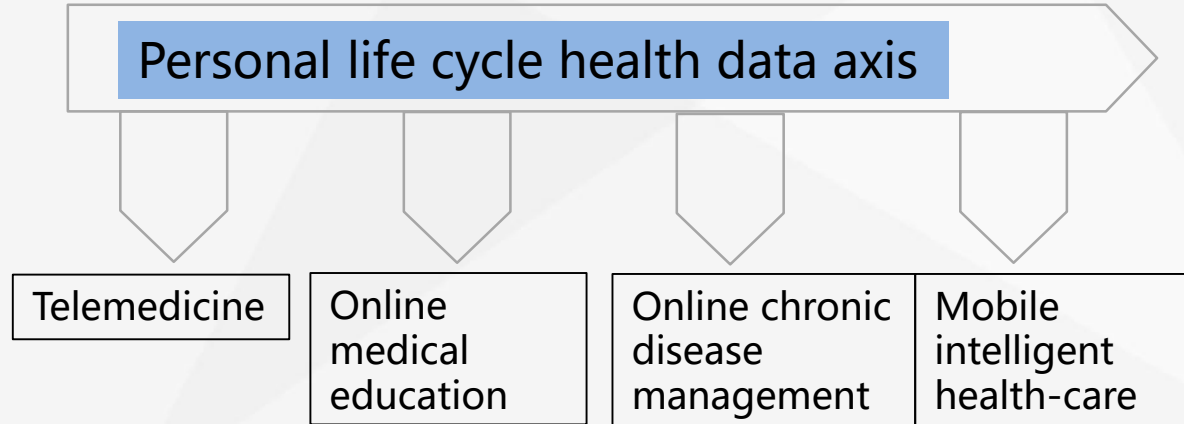
To establish a health data axis through the whole life cycle of individuals, which centers on personal health and facilitates personal health maintenance, and integrates public health and medical services.



Pilot Project of Internet Plus Health Poverty Alleviation

Four Longitudinal Directions

The working mode in four longitudinal directions including telemedicine, online medical education, online chronic disease management and mobile intelligent health-care is established around the personal life cycle health data axis.



Pilot Project of Internet Plus Health Poverty Alleviation

Four Longitudinal Directions

- Firstly, to establish a remote medical service system that covers villages.
- Secondly, to carry out online medical education for people.
- Thirdly, to implement accurate online chronic disease management.
- Fourthly, to construct the service mode of mobile intelligence.



Pilot Project of Internet Plus Health Poverty Alleviation

Good Practice Cases

- **In Zhumadian City of Henan Province**, 4 tertiary hospitals, 27 secondary hospitals, 163 township hospitals and 2547 village clinics of the city connect to the health information network through the “Internet+VPN” , and a database of resident electronic health records, containing basic health information of more than 6.5 million residents and 18.64 million records of diagnosis and treatment data, has been initially built.
- Build up an **Internet + health poverty alleviation** platform, and set up different forms of medical treatment alliance at the city and county levels, and use the platform to provide telemedicine services.
- Explore the use of **mobile terminals** to carry out screening for cerebral apoplexy, hypertension, diabetes, coronary heart disease and other chronic diseases.

Pilot Project of Internet Plus Health Poverty Alleviation



- **Hanzhong of Shaanxi Province** accelerate the construction of medical treatment alliance through the "Internet+" technology, and promote the construction of an orderly pattern of tiered diagnosis and treatment to help alleviate the difficulty of getting medical service.

Outlook of Internet Plus Health Poverty Alleviation



- ✓ We hope cooperate with each other to promote cross-border integration and sharing of resources, and make full use of talent, resource and technological advantages to optimize the allocation of medical resources across time and space, and promote and achieve more fairer and more accessible health care services in poor areas.