

## **China National Health Development Research Center**

### **Strategic Research on Developing Green Health and Care System in China**

#### **GGHH Agenda Goal**

Leadership

#### **Research Goal**

Through summing up and analyzing domestic and international advanced concepts and practical experiences, this research project aims to generalize and summarize appropriate development models for China's Green Health and Care System, as well as to facilitate the formulation of Construction and Development Strategy of China's Green Health and Care System.

#### **Progress Achieved**

1. Completed a theoretical framework of Green Health and Care System;
2. Involved key elements of Green Health and Care System in relevant national standards and planning, such as The 13th Five-year Healthcare Construction Plan, the General Hospital Construction Standards and the Evaluation Standard for Green Hospital Building (GB/T51153-2015);
3. Raised recognitions of the importance of Green Health and Care System among national and provincial policy makers;
4. Participated in knowledge exchanges and attracts the attention of international communities.

#### **Background**

First of all, external factors have driven the proposal of Green Health and Care System. Green development of the healthcare sector is in line with China's needs in political, social and economic, scientific and technological, resource, as well as development in other spheres. What's more, problems within the current systems have pushed the formulation of Green Health and Care System. High non-medical costs, inefficient healthcare, lacking conservation awareness, scattered care delivery, increased tension between physicians and patients and other issues not only have hindered the

development of China's healthcare system, but have posed global challenges. These internal forces are therefore also driving structural changes.

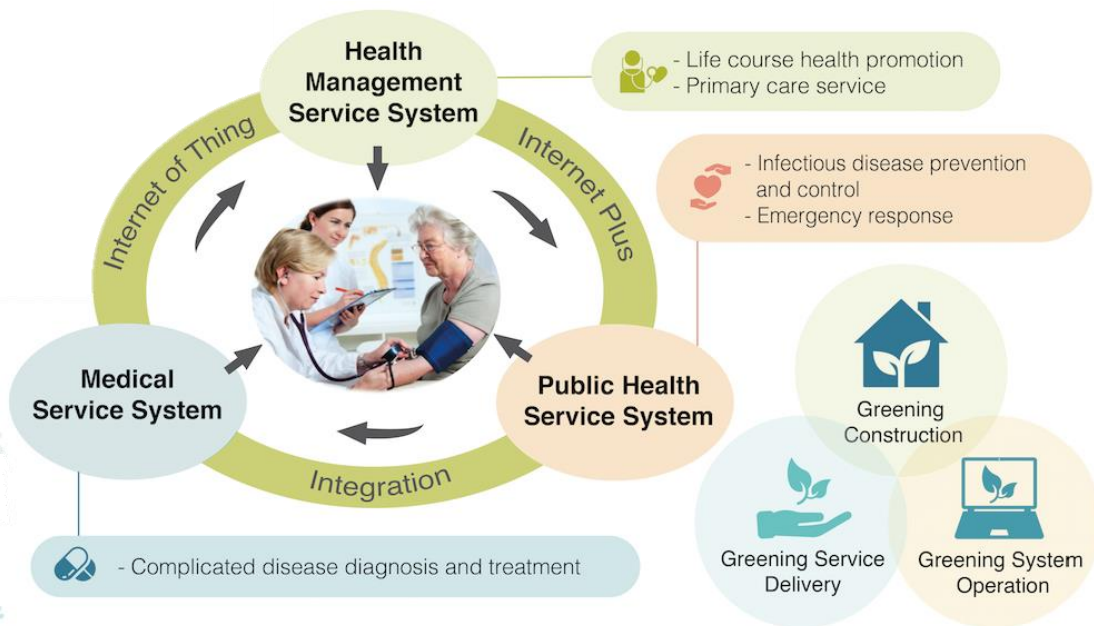
As more attention has been paid to “green” by the public, and as health care service has been moving away from a linear and biomedical model of thinking towards to a more biological model, “green” - as the base color of development - is not just a notion of economic development, but will also become a source of impetus to brand-new development models. Upholding the concept of green development in healthcare sector and building a Green Health and Care System will surely become a key component in the construction of Healthy China, and have already become a new trend in leading global health development.

### **Green Health and Care System (GHCS)**

Green Health and Care System (GHCS) is a new model of delivery health care service. GHCS is people-centered and health-centered, takes safety, high efficient, low consumption, intelligent, innovative, sustainable, and resilient as main characteristics. GHCS provides life-cycle service management and whole process manage of disease. GHCS's purpose is to establish a new health service model that promotes “Less Sickness and No Sickness” for the population. GHCS's ultimate goal is to let everyone enjoy green, and let everyone possess health.

- **Framework for Green Health and Care System**

The Green Health and Care System is composed of three sub-systems, including health management service system, medical service system and public health service system (as shown in the picture).



Health management service system aims to enhance and maintain life-cycle health for urban and rural population, including life course health promotion and primary care services. It consists of two components: public health management and health self-management, in which governments, society and individuals will altogether involve. Medical service system focuses more on complicated diseases diagnosis and treatment. The public health service system pays more attention to population-based risk management service that has externality, including infectious disease prevention and control, as well as emergency response.

● Contents of Green Health and Care System

Greenization for each of the three sub-systems within the Green Health and Care System can be reflected in greening construction, greening operation of the system, and greening service delivery.

- Greening construction provides the infrastructure basis to establish healing environment.
- Greening operation of health care system is embodied indifferent levels of GHCS. At macro level, it is embodied in the highly efficient integration among the three sub-systems. At the meso level, green operation is reflected in the integration among different types and levels health institutions in each sub-system. At the micro level, it is demonstrated in the greening operation within each single health institution.
- Greening service delivery means the health and care service provided by Green Health and Care System is affordable and valuable.

**Next Steps**

The framework of Green Health and Care System is quite comprehensive, the research team will further analyze and utilize advanced experiences from other countries and other industries, develop roadmaps to guide green practices, promote policy transformation, conduct pilot projects, and involve all sectors of society to participate in the development of Green Health and Care System.

### **Demographic information**

China National Health Development Research Center (NHDRC) is a national research institution, established in 1991 under the leadership of National Health and Family Planning Commission of China (NHFPC). It works as a national think-tank providing technical consultancy to health policy-makers. The major responsibilities include conducting research on national health reform and development strategy, national health related public health policy, to provide consultancy and advice for the policy makers, health management and practice, health policy and technology assessment, basic theory and methodology of health economics and health administration, and participating in related practical works.

**Link:** China Health Development Forum—Construction and Development Strategy of Green Health and Care System

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