

Intelligent Detection Platform for the Mental Health of the Elderly in the Community from the Perspective of Healthy Aging Information Collection Software

Yong Cheng
Institute Of Political Science and Law
Leshan Normal University
Leshan, Sichuan, China, 614000

Abstract: Introduce artificial intelligence information technology and sort out the research model of mental health of the elderly. Looking at the integration of the two ISs from the perspective of information collection and intelligence collection, in terms of theory, there are many common parts between the two, and in practice, the collection methods can be quoted from each other. A new approach to mental health research in older adults. In the community health center, build a mental health management platform that integrates the mental health records of the elderly, psychological physical examination management, psychological comprehensive intervention technology, and psychological intervention evaluation, and explore the mental health management service model for the elderly in the community. Mental health management norms provide support.

Keywords: Intelligent Detection Platform, Mental Health, Healthy Aging Information, Information Collection Software

1. INTRODUCTION

According to the "China Family Development Report 2015" released by the National Health and Family Planning Commission recently, as of 2015 [1], my country's population over the age of 60 reached 220 million, and China will enter the peak of aging in the next 20 years. By 2025, the elderly population will be nearly 400 million [2], there will be 400 million elderly people in my country. Actively preventing and treating mental illness of the elderly and ensuring the mental health of the elderly are important issues to be solved urgently in the elderly care work. At present [3], most of the research on the health of the elderly in my country focuses on comprehensive intervention and effect evaluation on the physical health of the elderly [4].

The mental health of the elderly is an important aspect of the health of the elderly. At present, the research on the mental health of the elderly at home and abroad mainly focuses on the traditional pension model and pension health issues [5]. Although there is a certain research foundation and certain research achievements have been made, there are generally duplications in the research content [6]. The research method is single. Microblogging as the most popular Web 2.0 is one of the web sites whose users have produced a large amount of valuable information [7], which is an important part of contemporary digital information and should be properly kept.

At present, the US Library of Congress has taken action on the long-term preservation of Twitter information. Microblogging, as the most popular Web 2.0 is one of the web sites whose users have produced a large amount of valuable information [5], which is an important part of contemporary digital information and should be properly kept. Currently, the U.S. Library of Congress has taken action on the long-term preservation of Twitter information [8]. Identify the functionally limited population due to muscle strength decline in the elderly population as soon as possible, and take timely and targeted interventions to delay muscle strength decline in the elderly [9], Improve body function and ensure its stable function.

Therefore, this paper specifically analyzes the operation mechanism of the "integration of medical care and elderly care" pension model, explores the necessity of its implementation, and finds out the relevant problems in combination with the actual situation, and then provides targeted countermeasures and suggestions for further promoting the "integrated medical care and elderly care" pension model [10]. The academic community is required to explore ways and means to maintain a healthy body and continue to participate in social and economic activities in old age. In November 1994 [11], Beijing held a "healthy aging" seminar, marking the beginning of research on healthy aging in my country. The academic community is required to explore ways and means to maintain a healthy body and continue to participate in social and economic activities in old age. In November 1994 [12], Beijing held a "healthy aging" seminar, marking the beginning of research on healthy aging in my country.

Combining the mental health of the elderly with modern intelligent technology to build an intelligent information service platform suitable for the mental health of the elderly, it is planned to provide consulting services for mental health problems of specific elderly groups and provide decision-making suggestions for government departments [13]. It is required to focus on promoting the research and development of key technologies and products for smart and healthy elderly care, and to promote the priority use of smart and healthy elderly care products in elderly care and medical institutions. Therefore [14], how to use the "Internet +" concept of the development opportunities brought by it to create a new elderly care service of Internet + home-based elderly care will become the focus of academic and political research for a period of time in the future [15]. It is required to focus on promoting the research and development of key technologies and products for smart and healthy elderly care, and to promote the priority use of smart and healthy elderly care products in elderly care and medical institutions [16].

Therefore, how to use the "Internet +" concept of the development opportunities brought by it to create a new kind of Internet + home-based elderly care service will become the

academic and political focus in the future [17]. The discussion on the copyright of microblog information and the design improvement of microblog information collection tools in the existing research are not based on the perspective of long-term preservation, so they cannot provide an effective reference for the research and practice of Chinese microblog information [18]. The second IS refers to Western intelligence research, and the main categories of research include intelligence analysis, intelligence management, intelligence agencies, covert service, and political intelligence. Old age and aging are two different concepts. "Old age" in demographics is a social norm formed based on the natural attributes of life, usually referring to people with a calendar age of 60 or over.

2. THE PROPOSED METHODOLOGY

2.1 The Healthy Aging Information Collection Software

There are many researches on the mental health of the elderly at home and abroad, mainly including theoretical exploration, influencing factors, psychological characteristics, population and regions, intervention measures, tool development, and status quo review. There are many studies on mental health, mainly including theoretical exploration, influencing factors, psychological characteristics, population and regions, intervention measures, tool development, and status quo review. , the strong correlation between information, the complexity of Weibo users' copyright and privacy issues, etc., the strategies applied to network information collection may not be completely applicable to Weibo information.

Therefore, it is necessary to re-examine the collection of microblog information. This paper analyzes the fusion of the two ISs from the perspective of information collection and intelligence collection. Secondly, analyze the mutual citation and reference between the two in actual operation. Finally, construct an integrated intelligence collection system. The study found that the subjective age of older people reported a mostly lower than their calendar age, and younger subjective age was closely related to physical health status and positive aging attitude, which in turn affected the social participation of the elderly.

In addition to self-perceived subjective age, healthy aging is a scientific choice for countries to deal with the problem of aging. By taking various measures to promote healthy aging of the population, it can help the elderly maintain a sound physical, psychological and social adaptation state in their later years, and prolong the aging of the elderly. In addition to being of great value to the physical health of the elderly, participating in physical fitness activities can also effectively improve the mental function of the elderly, enhance psychological adaptability and the role of the elderly. The ability to self-regulate is beneficial to emotional health, enhances self-confidence, and renews values. Due to the deterioration of physiological functions, the elderly have relatively high morbidity and disability rates, which determines that their demand for medical and health services is higher than that of the general population

2.2 The Mental Health of the Elderly In The Community

This system customizes the mental health files of the elderly through a variety of packages, records the mental health status of the elderly and the influence of exposure factors to mental illnesses at the time of the survey, and adopts the most widely used outpatient examination scale for mental disorders and

mental illnesses (SCL90). Table). C. E. Shannon, the founder of information theory, defined information as something used to reduce random uncertainty from the perspective of communication system theory; domestic experts believe that information is the state and way of movement of things, and is a part of matter. It has the characteristics of objectivity, extensiveness, transitivity, sharing and novelty.

The ideal mental health state is sound personality, cheerful and optimistic; emotional stability, good at adjustment; social adaptation, able to cope with various emergencies; interpersonal harmony, with certain communication skills; cognitive function is basically normal. Physical fitness activities for the elderly are not only an important part of social and cultural activities, but also a social education activity. It not only plays a role in enriching the cultural life of the elderly, but also a process of continuing education for the elderly.

In this process, the elderly can master scientific fitness methods. Since the new medical reform, in order to achieve the goal of "everyone enjoys basic medical care", the government has increased the hardware and software construction of primary medical and health institutions. Infrastructure, medical equipment and medical technology have greatly improved. Service providers should fully understand the real expectations and perceptions of customers, so as to continuously meet the needs of customers and establish long-term cooperative relationships with them. To close the gap for core customers, the model also needs to close the gap between the other four. The gap 1 is the basis for the subsequent service quality specification and service provision.

2.3 The Development of an Intelligent Detection Platform for the Mental Health of the Elderly in the Community

The difference between the two lies in: information has extensive extension, exists in nature, biology and human society, and is easy to obtain and share; while intelligence has narrow extension, strong confidentiality, difficult to obtain, and has timeliness and subjectivity. Assist the elderly to understand their mental health from ten aspects. After taking the SCL90 scale evaluation, each elderly person will get a personalized mental health file to explain that they have a certain mental disease tendencies and possibilities.

The difference between the two is that information has extensive extension, exists in nature, biology and human society, is easy to obtain, and is shared; while intelligence has narrow extension, strong confidentiality, difficult to obtain, and is timeliness and subjectivity. Therefore, the development of mass sports in our country can neither completely rely on the government, nor completely follow the road of marketization, but must take a socialization road that conforms to the characteristics of my country's economy, society and culture and mobilizes the extensive participation of social forces. The characteristics of primary medical and health services and their components as community public services determine that primary medical and health services are inseparable from community participation.

3. CONCLUSIONS

This study summarizes the common problems and individual needs of the elderly's mental health by analyzing and summarizing the existing research results of the elderly's mental health, and seeks the logical relationship between the connotation, external manifestations, internal factors and

actual needs of the elderly's mental health. Through the construction of the mental health management platform, the evaluation of the mental health of the elderly in the community and the management and intervention after the evaluation are carried out by means of information technology, so that the family doctor of the community health service center can pay more attention to the physical health of the elderly in the community. Pay attention to the mental health of the elderly in the community.

4. REFERENCES

[1]Chen Feng. A cloud platform-based mental health testing device for college students: CN112289445A[P]. 2021.

[2] Xiang Yunhua, Wang Xiaohui. Intelligent escort: a new path for mental health management of the elderly [J]. Gansu Social Sciences, 2019(4):7.

[3] Li Yiqiu, Wang Tian, Wang Li, et al. Construction of an evaluation index system for community elderly mental health services [J]. Psychological Monthly, 2021(16):3.

[4] Zhou Xuemei, Zhou Li, Wang Qing, et al. Preliminary Effect Analysis of Psychological Care Project for the Elderly in Haifu Lane Community, Qinhuai District, Nanjing City [J]. Great Health, 2021(17):2.

[5] Tu Xuewen. Research on intelligent service system design for the elderly at home [D]. Nanjing University of Aeronautics and Astronautics, 2019.

[6] Zhou Jing. An intelligent detection device for community elderly health services in the public health department: CN213046838U[P]. 2021.

[7] Ren Changan, Luo Qingyun, Cao Shuilian. Design and implementation of a mental health service platform for the elderly [J]. Fujian Computer, 2020, 36(2):3.

[8] Wang Weihu, Wang Yuning, Tang Chuanyun, et al. A behavioral big data and mental health testing system based on artificial intelligence: CN111427909A[P]. 2020.

[9] Chen Qiwen, Zhu Jianjun, Zhang Jiayang. Design of personal health information platform for the elderly at home

in smart communities [J]. Science Public: Technological Innovation, 2021.

[10] Liu Jianhong, Gao Xuefeng, Zhang Xiaowen. Research and discussion on scientific research support of "Technology helps Guangma" [C]// The 11th National Sports Science Conference Abstracts Collection. 2019.

[11] Wang Junfeng. Smart Community Elderly Health Monitoring and Management System:, CN213042673U[P]. 2021.

[12] Hu Yue. Research on building a community-based health management service system for the elderly [J]. Industry and Technology Forum, 2019.

[13] Hu Yue. Research on building a community-based health management service system for the elderly [J]. Industry and Technology Forum, 2019, 18(4):2.

[14] Li Haiying. Analysis of the feasibility of building the health management of the elderly under the service model of "combining medical care and nursing" in the community [J]. Electronic Journal of Clinical Medicine Literature, 2020, 7(53):2.

[15] Du Juan, Cai Shaolian, Ginkgo, et al. Study on the influencing factors of the willingness to purchase intelligent monitoring equipment among different gender groups of the elderly [J]. China Medicine Herald, 2020, 17(9):4.

[16] Xu Shiyi. Research on the innovative design of smart bracelets for emotional monitoring of the elderly [D]. Xi'an University of Technology, 2019.

[17] Zhou Peng. Research on the role of community elderly care services on the mental health of the disabled elderly: an empirical analysis based on the 2018 CLHLS data [J]. Public Standardization, 2021(9):6.

Wu Bin, Qiu Zhijun, Jiang Zhiyong. Design and development of an intelligent comprehensive elderly health service platform [J]. Electronic Technology and Software Engineering, 2019(17):2.