

Mode of Pharmaceutical Technicians Participating in Home-Based Care for the Aged

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Abstract. After entering the new era of the current pension industry, the demand of 249 million elderly and 40 million semi disabled elderly is growing vigorously, while the current nursing staff for the elderly have problems such as poor quality, insufficient quantity, poor service quality, poor technology and so on. As a pharmaceutical professional and technical personnel, their basic knowledge and medicine are highly complementary. Facing the difficulties of the national pension cause, they can also use their own professional basic knowledge to devote themselves to the great cause. The home-based pension service mode of medical and nursing integration or independent participation in home-based pension service is worth actively exploring and studying, which will add a strength to the rapid development of pension cause.

Keywords: Pharmaceutical Professional and Technical Personnel; Home-Based Elderly Care; Model

1. Introduction

Since 2019, the relevant departments under the State Council have successively issued a number of relevant laws, regulations and documents in response to the pension problem. Among them, the most remarkable one is the promulgation of the national vocational skill standard for nursing staff for the aged (2019 version), which is mainly due to the growing demand of 249 million and 40 million semi disabled elderly people after the current pension industry enters a new era. However, the nursing staff for the aged say that there are problems such as poor quality, insufficient quantity, poor service quality and poor technology. The launch of the standard is the best time. Compared with the previous edition, the most important changes are as follows: 1. Several practical skills have been added, including turning over, cleaning care, diet control, medication management, sleep care, home fire safety, etc. 2. The entrance conditions have been relaxed. The minimum junior high school education in 2011 has been changed to the minimum no education in 2019. It has also solved the biggest obstacle for many rural women who have no education but are engaged in the pension business. It has opened the largest market source for the supplement of the pension staff, but there are also certain risks, mainly because how to ensure the quality of the pension staff is worthy of further study Research. 3. The road for the elderly care personnel to rise has been increased from the previous 4-level to 5-level. The road is more smooth from technicians to technical personnel, to teachers, and even to education and training personnel for professional elderly care personnel. 4. Shorten the rise time between each level. Among the 5-level nursing staff, the first level is the highest level, which can be engaged in nursing staff training, elderly health assessment, rehabilitation guidance, quality control and management. One of the most important aspects of health assessment is medication guidance. As a pharmaceutical professional and technical personnel, facing the difficulties of the national pension industry, they can also use their professional basic knowledge to devote themselves to the great cause.

At present, there are three main pension models: home-based pension, social private institution pension and public pension. Among the three, home care for the elderly is the overwhelming majority. How to solve the problem of seeking medical care for the elderly at home? The country has also thought of more ways: medical support, community based and Internet + in many official news reports. In my opinion, giving full play to the role of terminal medical institutions and community pharmacies, and actively mobilizing the complementary roles of doctors, nurses and

pharmacists of terminal institutions can effectively alleviate the health management problems of the elderly at home, and also provide a research basis for pharmaceutical professionals to participate in home-based elderly care services.

2. Participation of Pharmaceutical Technicians in The Coordinated Development of Medical and Nursing Care of Integrated Home-Based Elderly Care Services

2.1 The Current Situation of Medical and Nursing Integration Development in the Elderly Health Service Market and Home-Based Elderly Care

In the past few years, the cultivation of three kinds of technical personnel has been based on various disciplines. With the emergence of aging phenomenon, there is no integration of three disciplines for the elderly health service. In the foreseeable future, China will inevitably, like other developed countries, present an aging society at a faster speed. How to integrate the development of medical care has also proved the basic direction for pharmaceutical technicians to participate in the elderly health and home-based elderly care services. In recent years, with the continuous exploration of community terminal pharmacy, the remote diagnosis and treatment and remote prescription of Internet hospital, and the technology upgrading of community terminal, the service ability of terminal pharmacy has been improved gradually, and the rise of drug diagnosis shop has coincided with the function of community clinic in a certain range. However, the strategy of healthy China and the actual demand for home-based care need more service institutions. How to coordinate the positioning of drug clinics and community clinics can better serve the elderly health and home-based care.

2.2 Structural Changes of the Elderly

According to the 2017 report on the cultivation of China's elderly care service talents issued by Beijing Normal University, by 2050, the number of disabled and semi disabled elderly will reach 97.5 million; with the emergence of 421 family structure, by 2050, the number of empty nests and solitary elderly will reach a record 262 million, at which time, the number of elderly without children support will be as high as 79 million; the aging population (above 80 years old) will reach 31 Million. With the improvement of their children's housing conditions, the elderly will gather near the old urban areas of big cities. The report also points out that there are more and more senior citizens with culture, quality, quality of life and quality of life. The concept and mode of supporting the aged are changing, and the demand for senior technical personnel with high quality and skills is growing.

2.3 The Actual Demand for Medicine, Nursing and Medicine in The Medical Care Integration Market

Among 90% of the elderly living at home, 70% suffer from chronic diseases, such as hypertension, diabetes, hyperlipidemia, gout, Alzheimer's disease and so on. But the reality is that most of the elderly who live at home for the aged only passively go to large-scale medical institutions. The basic reason for this reality is the high concentration of medical resources and the serious dispersion of residents. The elderly service objects radiated by community medical and health institutions far exceed their own carrying capacity. The health needs of the elderly will appear with the emergence of the aging society. The health problems of the elderly will become more prominent, and the demand for medicine, nursing and medicine will gradually increase. The solution to the above problems lies in the positioning of the basic medical institutions. Community clinics, community pharmacies, elderly service centers and other basic aging service units will be well established In order to avoid the waste of resources and unnecessary competition, the management and functional departments should coordinate the development of basic medical and health institutions.

2.4 Medical and Nursing Collaborative Services Required by Chronic Disease Health Management

70% of the elderly at home are suffering from chronic diseases. Although there is no life crisis, if the management is not in place, chronic diseases will seriously affect the quality of life. For example, high blood pressure itself is not very serious, but poor control of blood pressure can cause the elasticity of blood vessels to weaken, and then lead to other risks. Medical technicians should focus on the disease diagnosis and treatment of chronic disease health management, initially establish chronic disease health management files, and be able to recognize and transfer among basic elderly health service institutions. The screening of elderly patients' diseases and the establishment of chronic disease files form a unified structure, similar to the use of pregnancy examination files, which can be used in the whole country; nursing technicians Focusing on the prevention and recovery of chronic diseases in the elderly, nursing staff should give full play to their professional quality and cultivation of quality requirements, provide professional guidance for the prevention and recovery of health diseases in the elderly, and further reduce the follow-up pressure of medical technicians; pharmaceutical technicians focus on the guidance of medication, provide professional medication guidance, health examination and health concept Therefore, the professional value of pharmaceutical service personnel can be highly reflected, and provide high-quality services for the elderly patients with chronic diseases at home with their professional medication guidance. In addition, pain and weight management are also very important. For the prevention, diagnosis, treatment, medication guidance and later rehabilitation of chronic diseases, the cooperation of medical, nursing and pharmaceutical technicians is needed.

3. Exploration on The Mode of Pharmaceutical Technicians Participating in Home-Based Elderly Care Service Independently

3.1 Disadvantages and Advantages of Pharmaceutical Care Personnel

At present, pharmaceutical service personnel are mainly concentrated in first-line pharmacies, and there are millions of first-line pharmaceutical technical personnel rooted in them. The main disadvantage is that the skills of pharmaceutical service are uneven. Most of the first-line technical personnel rely on the training system of major manufacturers to complete their professional literacy, lack of unified learning and skill upgrading channels, and lack of professional skills required for their own participation in medical and nursing integration 。 The main advantage is that the number of staff is large, and there are more and more large chain pharmacies in recent years. Although the professional quality is indeed inferior to that of general practitioners in community hospitals, it has its outstanding advantages in medication guidance and health management, and most of them have a certain basis. The medical integrated home-based elderly care has a huge advantage in the number of staff the drugstore has a complete range of specifications and low price, which can meet the drug demand of home-based elderly care patients.

3.2 The Main Role of Pharmaceutical Technicians in Day Care Centers

The daytime care center is mainly provided for the elderly who have certain mobility and can live on their own. It is one of the main forms of the state to encourage private capital to participate in home-based pension. The main operating subjects of the daytime care center can be chain drugstores (private) or community (public), which are mainly set up in the community to provide entertainment, nutritional meal supplement, rehabilitation physical examination and medication guidance And so on. The main role of pharmaceutical service personnel is to give full play to pharmaceutical care, to provide professional medication guidance, health examination and the establishment of health concept; to provide professional rehabilitation guidance for the elderly at home in day care center.

3.3 The Main Role of Pharmaceutical Technicians in Home-Based Door-To-Door Service

Home-based door-to-door service is a kind of professional service for the elderly who are not particularly convenient for their actions. The main way to solve the health management problems of some of the elderly is for pharmaceutical service personnel to enter the patient's home to provide professional services. Pharmaceutical service personnel mainly provide medication follow-up service, later professional medication guidance, nutritional meal supplement, physical examination and rehabilitation therapy. Among them, medication guidance is the most important, doctors lack of follow-up services after prescribing drugs, especially for the elderly who are inconvenient to move, so it is particularly important to provide professional pharmaceutical services for the elderly at home who are inconvenient to move.

3.4 The Main Role of Pharmaceutical Technicians in Chronic Disease, Pain and Weight Management

70% of the elderly at home are suffering from chronic diseases. The management of chronic diseases has great significance for the improvement of the quality of life of the elderly. Chronic diseases will seriously affect the quality of life. Pharmaceutical technicians focus on the guidance of medication, providing professional medication guidance, health examination and the establishment of health concept. Therefore, the professional value of pharmaceutical service personnel can be highly reflected, using their professional medication guidance to provide high-quality services for home-based elderly patients with chronic diseases. In addition, it can also provide professional guidance for pain and weight management.

3.5 The Main Role of Pharmaceutical Service Personnel in the Management of Nutritional Meal Supplement

Dietotherapy has been playing a very important role in the treatment of chronic diseases, but there are few institutions that can provide specialized dietotherapy. Most of them are based on personal life experience. In fact, in dietotherapy, it needs to be determined in combination with disease conditions, personal physique, nutrition and other comprehensive considerations. This is also the most neglected subsystem in the system engineering, which requires pharmaceutical service personnel and nutritionists to work together to continuously improve professional skills and provide better services for home-based elderly patients with chronic diseases.

4. The Main Ways for Pharmaceutical Technicians to Improve the Sustainable Ability of Home-Based Care for the Aged

At present, the mode of pharmaceutical technicians participating in home-based elderly care service is mainly the medical care integration mode of medical care or independent home-based elderly care technical service. But the object of service is relatively special. Pharmaceutical technicians who need elderly care not only have high technical level, but also need to have excellent communication skills, as well as the ability to deal with various crisis matters.

The important bearing capacity of pharmaceutical care in Chinese home-based care model is community radiation pharmacy, and the level and professional skills of pharmaceutical care personnel in pharmacy are particularly important. From the perspective of the structure of certified pharmacists' candidates, professional pharmaceutical technical personnel only account for a small part, and the few with professional service ability, pharmacists engaged in professional "pharmaceutical service" The uneven ability will affect the experience of pharmaceutical care. Therefore, to further improve the practical operation and professional technical service ability of the pharmaceutical care personnel who have passed the theoretical examination is the breakthrough to

solve the current problems, which can be started from the following aspects: first, government investment, teaching and imparting by teachers with practical work experience, students practice in class, passing the assessment of corresponding hypothetical scenarios, and taking the post after passing the assessment; second, with the help of OTC enterprise's training force helps pharmaceutical service personnel to improve their professional quality; 3. The enterprise establishes internal training business school to provide professional training and promotion channels; 4. Going out to participate in various professional training activities to improve their vision and their professional level and ability; 5. Participating in various professional qualification certificates, such as: licensed pharmacist, nutrition Teachers, health administrators, nursing staff, etc. six, make good use of the valuable resources of retired old people in pharmaceutical technology, and develop the new mode of teaching services in the new era with the advantages of Internet +; seven, participate in all kinds of academic activities, strengthen contacts with the outside world, enrich their professional service ability, and eight, participate in the examination of professional qualifications, and further consolidate them. Consolidate basic knowledge and strength.

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